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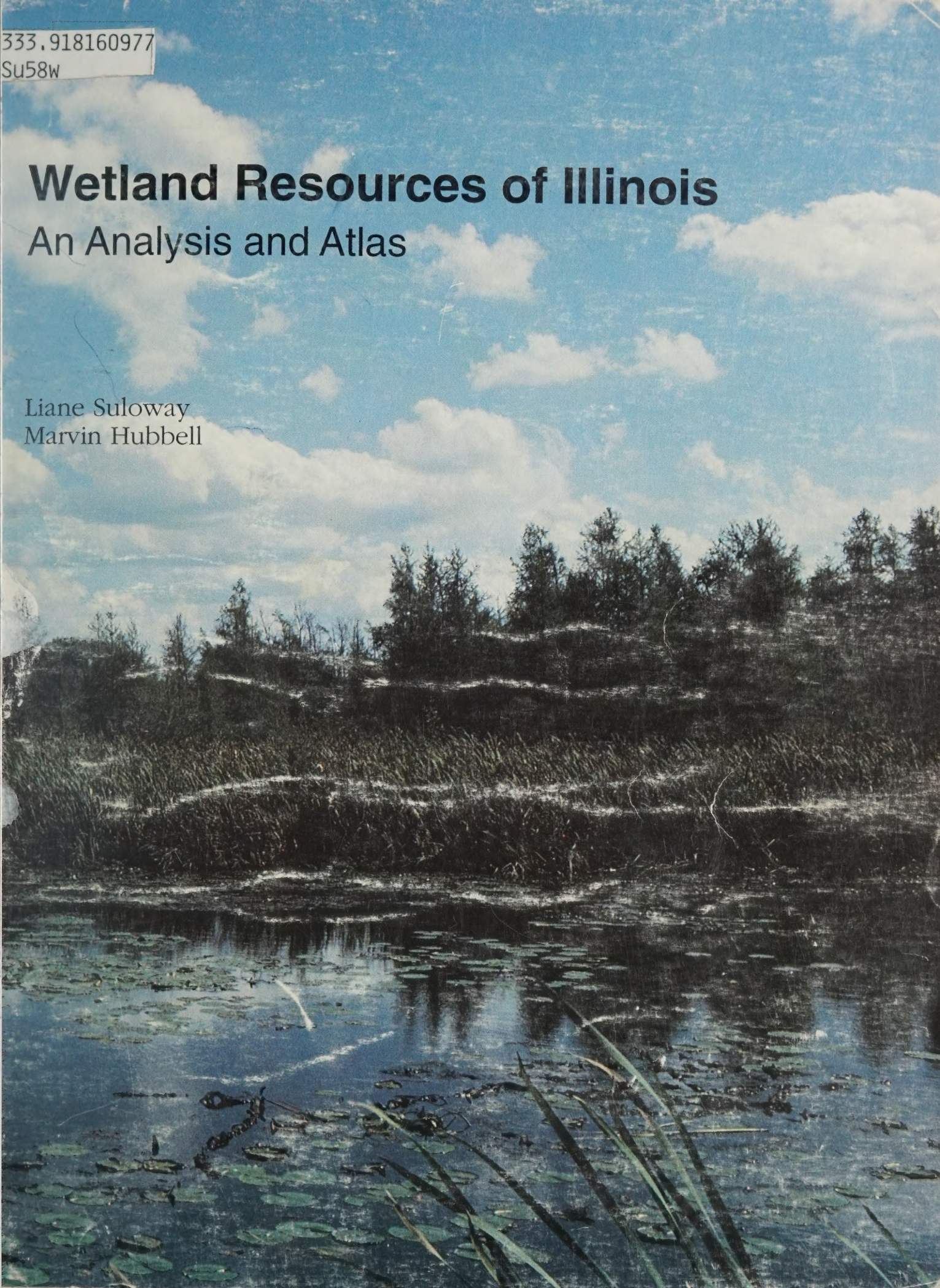
Wetland Resources of Illinois

An Analysis and Atlas

Liane Suloway
Marvin Hubbell



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An Analysis and Atlas

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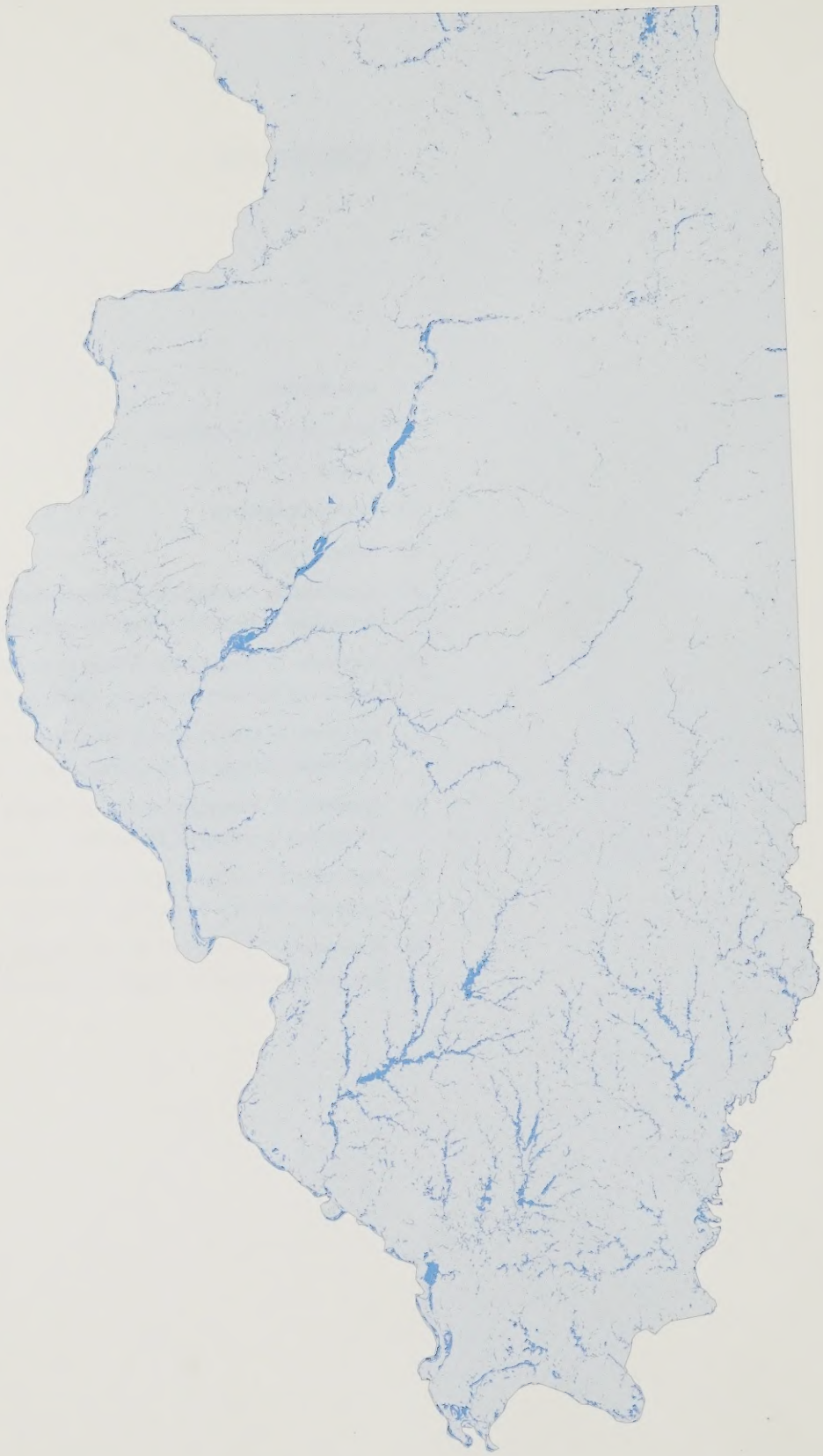

The distribution of wetlands in Illinois, 1980–1987

INTRODUCTION

Wetlands once covered more than 8 million acres in Illinois, or 23% of the land (Havera 1985). As a result of human modification of the environment, an estimated 90% of these wetlands have been destroyed (Figure 1). Dramatic declines in the amount of wetlands have been accompanied by changes in their distribution (Figure 2). In Illinois, wetlands have been affected principally by conversion of the land for agricultural purposes and to a lesser extent by development pressure caused by human population growth.

In recent years, recognition of the functions and values of wetlands has spawned efforts to stop or reverse wetland loss. Management of wetland resources requires a knowledge of the location, extent, and character of the remaining wetlands.

The wetlands of Illinois were inventoried in the 1980s as part of the National Wetlands Inventory (NWI), an effort by the U.S. Fish and Wildlife Service (USFWS) to locate and classify all surface water—that is, wetlands and deepwater habitats (such as rivers and lakes). The Illinois Wetlands Inventory (IWI) is an enhanced version of the original NWI data, developed through joint efforts of the Illinois Department of Conservation, the Illinois Natural History Survey, and the USFWS.

The primary purpose of this document is to provide information on the character, extent, and distribution of wetlands and deepwater habitats of Illinois based on IWI data. This publication is intended to serve as a reference for resource planners, managers, environmental scientists, policy makers, and others interested in wetland resources. It also provides valuable baseline data for future analyses.

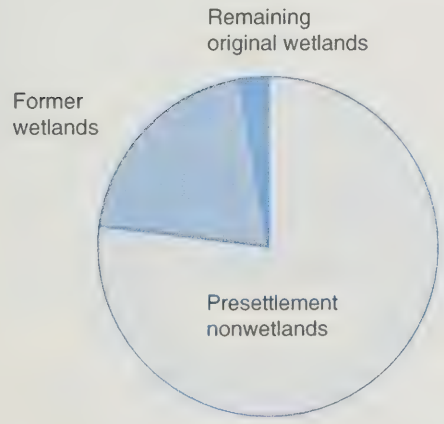

Figure 1. The proportion of Illinois that used to be wetlands and the proportion of the original wetland acreage that remained by the 1980s. Of the approximately 8 million acres of wetlands in Illinois during presettlement times, less than 1 million acres remain.

Wetlands encompass a variety of areas commonly known as marshes, bogs, wet meadows, swamps, shallow ponds, and bottomland forests. These areas are usually associated with deepwater habitats or occupy depressions surrounded by upland.

USFWS definitions of wetlands and deepwater habitats were used for the NWI. The USFWS defined wetlands as "lands transitional between terrestrial and aquatic systems where the water table is usually at or near the surface or the land is covered by shallow water. For purposes of this classification, wetlands must have one or more of the following three attributes: (1) at least periodically, the land supports predominantly hydrophytes; (2) the substrate is predominantly undrained hydric soil; and (3) the substrate is nonsoil and is saturated with water or covered by shallow water at some time during the growing season of each year" (Cowardin et al. 1979, p. 3). Permanent water bodies greater than 6.6 ft (2 m) deep at low water are called "deepwater habitat" in the NWI (Cowardin et al. 1979).

Numerous definitions of wetlands have been developed in recent years. The term "wetland" describes a dynamic natural system for which exact boundaries are sometimes difficult to establish. Three key characteristics are emphasized in an ecological approach to a wetlands definition: hydrology, vegetation, and hydric soils (Cowardin et al. 1979). Hydrology refers to the distribution and movement of water on or below the earth's surface. All wetlands are periodically saturated or inundated by shallow water during the growing season. Wetlands must have water for a sufficient period of time to stress plants and animals not adapted for life in soils covered by or saturated with water (Tiner 1989). Hydrophytes, plants which are able to survive in water or wet soils, have adapted to the lack of free oxygen available to the roots (Tiner 1989). Hydric soils lack free oxygen in their upper portion for a significant period during the growing season because of saturation or inundation with water (Tiner 1989). Drained hydric soils retain many of their original characteristics and, therefore, can be used to estimate wetland acreages prior to settlement (Cashin et al. 1992, Dahl 1990, Tiner 1990).

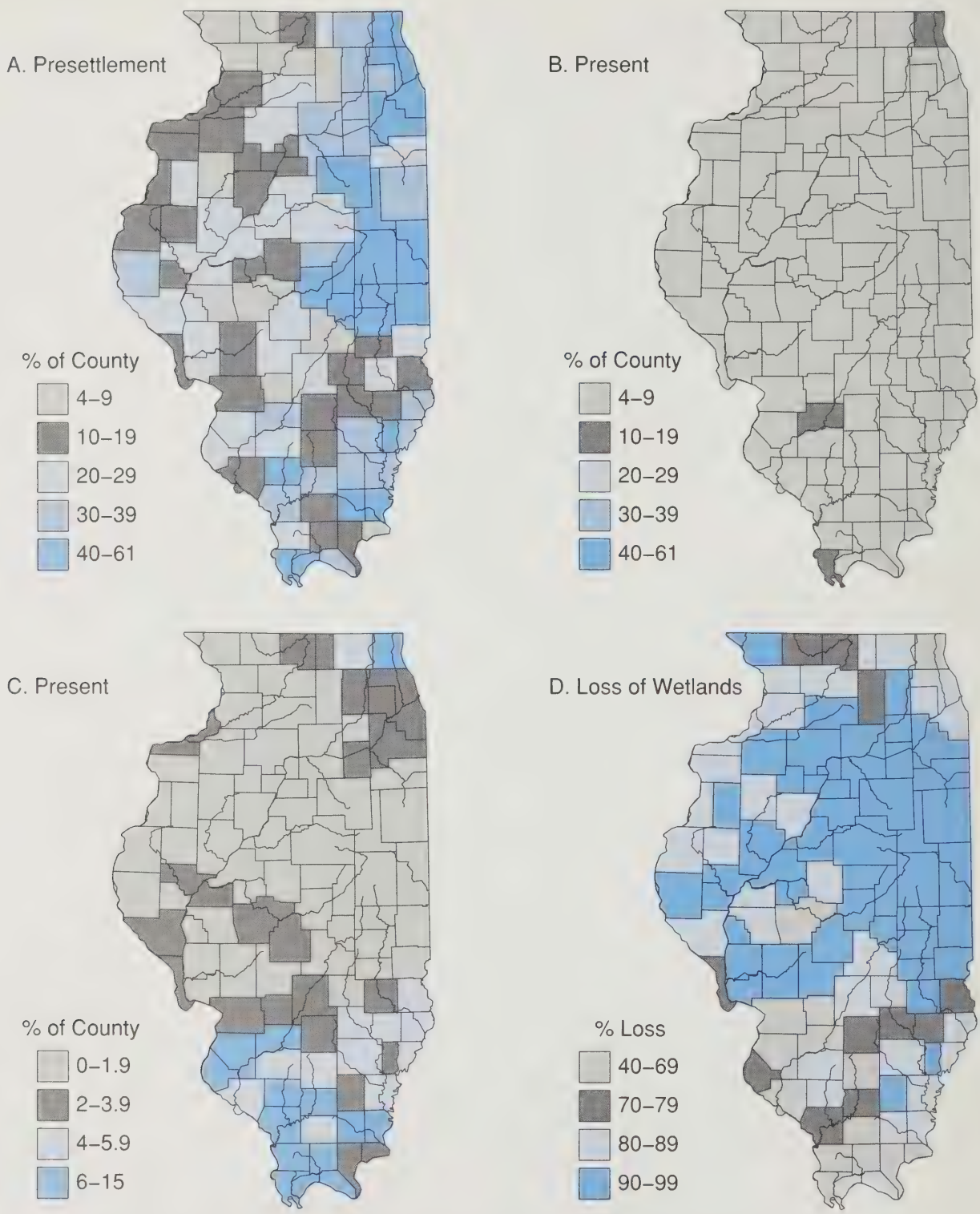

Figure 2. Presettlement and present extent of wetlands and percent loss of wetlands in Illinois counties. Presettlement wetlands were determined from data on hydric soils (Havera 1985). Present wetlands were determined using natural wetlands from the Illinois Wetlands Inventory (1980–1987). Parts A and B use the same legend, which allows direct comparison between the two maps. The legend for part C is adjusted to better depict the present distribution.

METHODS AND PROCEDURES

The IWI is a spatial database that stores location, shape, and descriptive information about wetlands and deepwater habitats using ARC/INFO software in a geographic information system (GIS) environment. Every wetland and deepwater habitat feature mapped in the IWI is described by spatial parameters such as area and perimeter, as well as ecological and physical descriptors such as dominant vegetative type, substrate type, duration of saturation or inundation, and human modification. In the IWI, descriptive codes assigned to each wetland and deepwater habitat feature include both an NWI code and an IWI classification code.

INVENTORY METHODS

The NWI used high-altitude aerial photography supplemented with other sources of data for identification and mapping of wetlands and deepwater habitats. Information was transcribed to U.S Geological Survey 7.5-minute quadrangle base maps (1:24,000 scale). The standard final NWI product is a hardcopy map showing the location, configuration, and NWI codes of wetlands and deepwater habitats (Figure 3). A cooperative agreement between the State of Illinois and the USFWS resulted in the creation of a digital database from the NWI maps for Illinois.

The primary source for mapping Illinois' wetlands was 1:58,000 color infrared photographs taken as part of the National High Altitude Photography Program. The photographs were taken from the spring of 1980 through the spring of 1987. Photo interpretation was conducted using mirror stereoscopes. Collateral data sources used to aid in wetland detection and classification included 7.5-minute topographic maps from the U.S. Geological Survey and soil surveys by the Soil Conservation Service of the U.S. Department of Agriculture.

A special issue in identifying wetlands was the inclusion or exclusion of farmed areas. Most original wetlands that are now farmland were not classified as wetlands in the NWI. Hydric soils that were completely drained and are no longer capable of supporting hydrophytes were not classified as wetlands by the NWI (USFWS 1985). Farmed wet areas were classified as wetlands in the NWI if the area remained wet for a sufficient period of time to meet NWI criteria. Where possible, these areas were noted through use of special modifiers for farming and/or partial drainage.

Several steps were taken to assure the quality of the data. To reduce inconsistencies, all photo interpretations were supervised by the same person. Field investigations were conducted to verify accurate identification and classification of wetlands through photo interpretation, particularly for areas with problematic wetland signatures or classifications (e.g., farmed wetlands). Regional NWI staff reviewed the photography for correct delineations and classifications, and the national NWI staff in St. Petersburg, Florida, spot-checked photos to ensure adherence to the national quality control standards.

Draft maps at a scale of 1:24,000 were produced using Bausch and Lomb zoom transfer scopes. Draft maps were sent for review and comment to the USFWS, U.S. Army Corps of Engineers, Soil Conservation Service, U.S. Environmental Protection Agency, Illinois Department of Conservation, and the 98 soil and water conservation districts in Illinois. The USFWS NWI staff conducted field checks and examined draft maps to ensure proper placement of wetland polygons and accurate classification.

In a program unique to Illinois, public input was sought to improve the accuracy of the maps and to create public awareness of the mapping effort. Through a contract with the Illinois Department of Conservation, a series of 37 public meetings was organized by soil and water conservation districts. More than 1,000 people attended these meetings throughout the state. Attendees were asked to verify the NWI description of lands with which they were familiar; there was at least a 95% concurrence with the NWI description.

Digitization of the data was performed from the 1:24,000 maps by a contractor under the supervision of the USFWS. Digital data files were sent by the USFWS to the Illinois Natural History Survey in MOSS format and converted to ARC/INFO format via a program developed in house. Hardcopy maps were produced from the database at the 1:24,000 scale, overlaid on the NWI hardcopy maps, and checked for errors. The digital database includes wetlands and deepwater habitats down to 0.01 acre.

CLASSIFICATION SYSTEMS

National Wetlands Inventory Classification. The NWI classifies wetlands and deepwater habitats with a hierarchical system with six levels: system, subsystem, class, subclass, water regime modifiers, and special modifiers (Figure 4). The following discussion provides an overview of the NWI classification system as it applies to Illinois. More detailed discussions are available in Cowardin et al. (1979) and Tiner (1989).

Systems, the broadest level in the classification system,

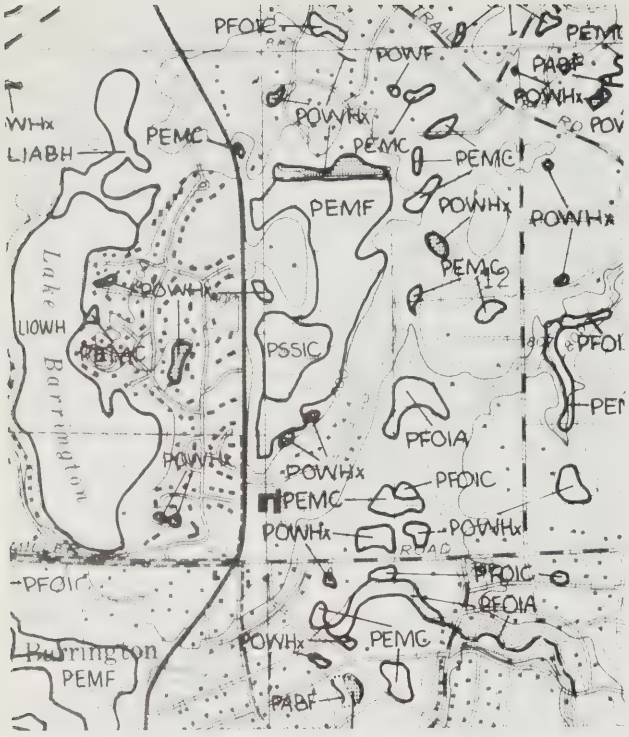

Figure 3. Example of a National Wetlands Inventory map showing a portion of the Barrington 7.5-minute quadrangle.

share similar hydrologic, geomorphologic, chemical, or biological factors. Three of the five nationally recognized systems occur in Illinois—palustrine (e.g., marshes, bogs, swamps, bottomland forests, small ponds), lacustrine (lakes, reservoirs, impounded rivers), and riverine (free-flowing rivers and streams). The lacustrine and riverine systems include both wetlands and deepwater habitats whereas palustrine systems include only wetlands.

Lacustrine and riverine systems are divided into subsystems (palustrine systems have no subsystems). Water depth at mean low water defines the two lacustrine subsystems, which are littoral [less than 6.6 ft (2 m) deep] and limnetic [deeper than 6.6 ft (2 m)]. Littoral lakes are wetlands; they usually extend from shore to a depth of 6.6 ft (2 m) or to the maximum extent of nonpersistent emergents if these grow beyond the 6.6 ft (2 m) depth. Limnetic lakes, by contrast, are deepwater habitats. The riverine system is divided into three subsystems: lower perennial (permanent flowing water with a well-developed floodplain), upper perennial (permanent flowing water with little or no floodplain), and intermittent (flowing water for only part of the year).

Classes, the next lower level of the hierarchy, describe the dominant vegetative life form where vegetative cover is 30% or more, or the predominant substrate where vegetative cover is less than 30% (Table 1). Of the 10 classes, four—forested, emergent, scrub-shrub, and aquatic bed—describe vegetation. Six classes are defined by substrate composition and the degree of flooding. Bottoms (rock or unconsolidated) and open water classes describe areas that are submerged all or most of the time. Streambed and shore (rocky or unconsolidated) are exposed all or most of the time.

Subclasses further describe classes. In vegetated areas, they describe the type of dominant vegetation—for example, persistent or nonpersistent emergents, broad-leaved or needle-leaved deciduous, broad-leaved or needle-leaved evergreen, and dead woody plants. In nonvegetated areas, they describe the type of substrate—for example, bedrock, rubble, cobble-gravel, mud, sand, and organic. Subclass levels were identified where possible; many of the NWI codes used in Illinois do not include a subclass.

Modifiers are used to describe hydrologic characteristics and human impacts (Table 1). Water regime modifiers describe flooding or soil saturation conditions ranging from temporarily flooded to permanently flooded. Special modifiers, which describe the external activities affecting wetlands and deepwater habitats, are partially drained/ditched, farmed, diked/impounded, excavated, artificial substrate, and created by beavers.

Illinois Wetlands Inventory Classification. The IWI classification system was developed to facilitate use and presentation of the wetlands inventory data. Although the NWI classification provides valuable, detailed descriptive information about each mapped wetland and deepwater feature, the level of detail makes data analysis cumbersome (617 unique NWI codes are used in Illinois) and requires training and experience for proper use of the data. The IWI classification system combines the NWI classifications into 13 basic groups (Table 2). These groupings reflect the dominant wetland and deepwater habitat types in Illinois and use terminology familiar to the general public.

As in the NWI classification, the IWI classification's main groupings are palustrine, lacustrine, and riverine. Six palustrine types are defined—swamp, bottomland forest, shallow marsh/wet meadow, deep marsh, open water, and scrub-shrub. Lacustrine wetlands are divided into shallow lake, lake shore, and emergent lake categories. Riverine wetlands are divided into perennial and intermittent. Deepwater habitat is either lacustrine or riverine. The IWI classification types are defined in the following discussion. Wetland plants characteristic of the IWI classification types are listed in Table 3.

Palustrine describes wetlands dominated by trees, shrubs, or persistent emergent vegetation that covers 30%

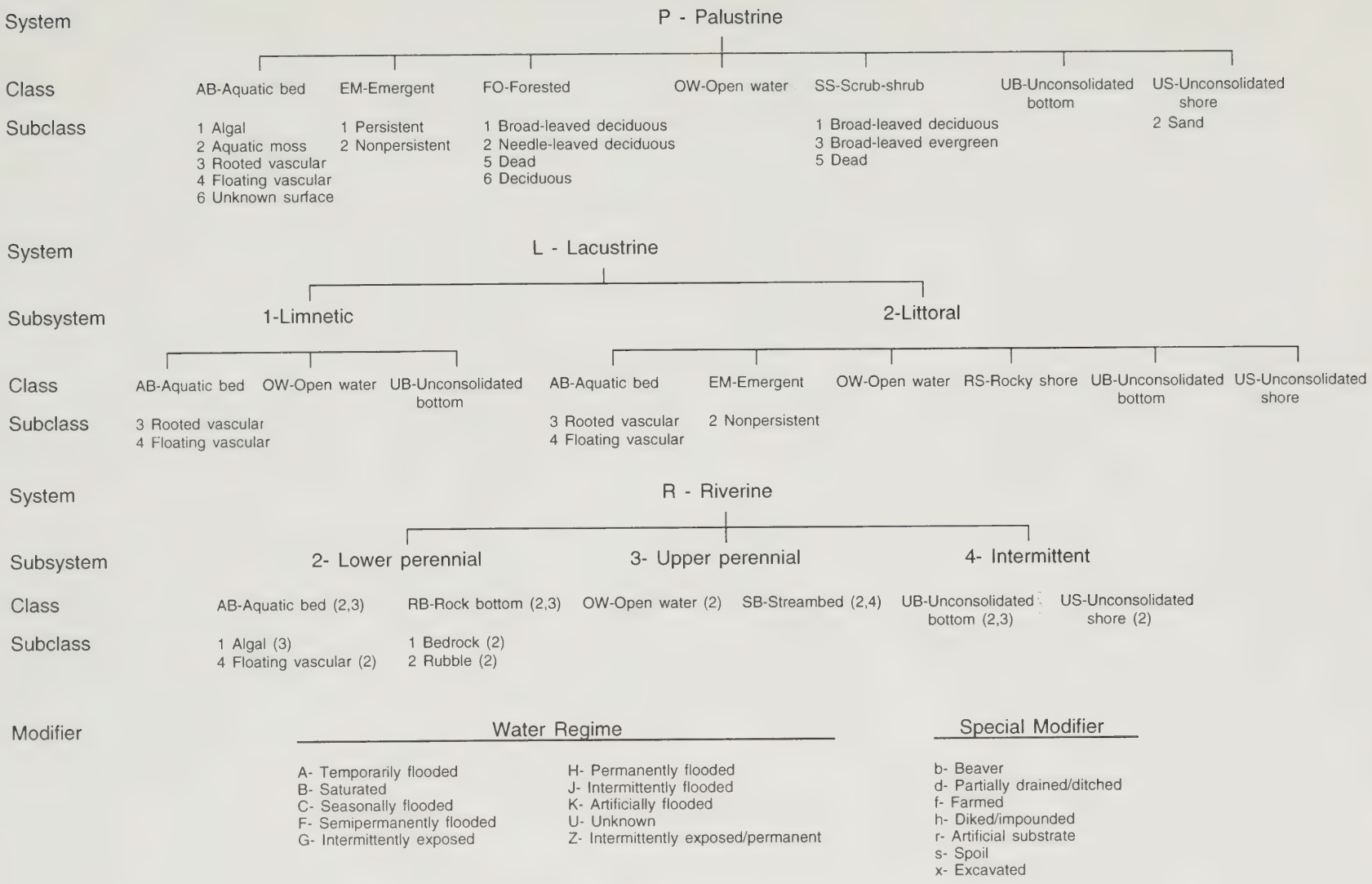

Figure 4. National Wetlands Inventory classification system (Cowardin et al. 1979) modified for Illinois. (Numbers after riverine classes and subclasses indicate applicable subsystems.)

Table 1. Classes and modifiers of the National Wetlands Inventory in Illinois and their descriptions (based on Cowardin et al. 1979 and Tiner 1989).

CLASS	DESCRIPTION
Vegetative cover ≥ 30%	
FO Forested wetland	Woody vegetation 20 ft (6 m) or taller
EM Emergent wetland	Erect, rooted, herbaceous hydrophytes
SS Scrub-shrub wetland	Woody vegetation < 20 ft (6 m) tall
AB Aquatic bed	Plants grow on or below the surface of the water
Vegetative cover < 30%	
Permanently flooded	
OW Open water	Unknown bottom
RB Rock bottom	Stone, boulder, or bedrock cover 75% or more of substrate
UB Unconsolidated bottom	Substrate is at least 25% particles smaller than stones
Not permanently flooded	
SB Streambed	Channel completely dry at low water periods
RS Rocky shore	75% or more bedrock, stones, or boulders
US Unconsolidated shore	Less than 75% coverage of bedrock, stone, or boulders
MODIFIER	
Water Regime	
A Temporarily flooded	Surface water for only brief periods during growing season with water table usually well below the soil surface for most of the season
B Saturated	Substrate saturated to the surface for extended periods during the growing season but surface water seldom present
C Seasonally flooded	Surface water for extended periods in growing season but not at the end of the growing season
F Semipermanently flooded	Surface water throughout the growing season in most years
G Intermittently exposed	Surface water throughout the year except in extreme droughts
H Permanently flooded	Surface water throughout the year in all years
J Intermittently flooded	Substrate usually exposed, variable presence of surface water without detectable seasonal periodicity
K Artificially flooded	Flooding controlled by pumps or siphons in combination with dikes or dams
Z Intermittently exposed/permanent	See descriptions for G and H
Special Modifier	
b Beaver	Created by beaver activity
d Partially drained/ditched	Artificially drained but can still support hydrophytes
f Farmed	Altered for the production of crops but hydrophytes could reestablish
h Diked/impounded	Barrier obstructs inflow (dike) or outflow (impoundment) of water
r Artificial	Substrates placed by humans
x Excavated	Lies in a basin or channel excavated by humans

or more of the area; if lacking vegetation, the area is small and shallow (< 20 acres and < 6.6 ft [2 m] deep) and lacks wave-formed or bedrock shoreline. Palustrine wetlands include forested wetlands such as swamp and bottomland forest, emergent wetlands such as shallow marsh/wet meadow and deep marsh, open water (e.g., ponds), and scrub-shrub wetlands.

Forested wetlands are characterized by woody vegetation 20 ft (6 m) or more tall covering 30% or more of the area. The duration of saturation or inundation by water differentiates swamps from bottomland forest in the IWI classification.

Swamps are defined in this classification as forested wetlands where water is present on a permanent or semipermanent basis. This category includes "true" swamps and some bottomland forests. Swamps characterized by species such as bald cypress and tupelo are limited to far southern Illinois (White 1978); these "true" swamps represent a northern extension of the once vast bottomland hardwood swamps of the southern coastal states. The swamp category also includes bottomland forest classified with the semipermanently to permanently flooded water regimes. An example of this occurred at the confluence of the Sangamon River with the Illinois River; this area is

Table 2. The Illinois Wetlands Inventory classification categories and their corresponding National Wetlands Inventory codes.

	NWI codes			
IWI category	System	Subsystem[a]	Class[b]	Water regime
WETLANDS				
Palustrine				
Forested				
Swamp	P	–	FO	F,G,H
Bottomland forest	P	–	FO	A,B,C,J,K
Emergent				
Shallow marsh/wet meadow	P	–	EM	A,B,C
Deep marsh	P	–	EM	F,G,J,K
Open water	P	–	AB,OW,UB,US	All
Scrub-shrub	P	–	SS	All
Lacustrine				
Shallow lake	L	2	AB,OW,UB	All
Lake shore	L	2	RS,US	All
Emergent lake	L	2	EM	All
Riverine				
Perennial	R	2,3	AB,SB,US	All
Intermittent	R	4	SB	All
DEEPWATER HABITAT				
Lacustrine	L	1	AB,OW,UB	All
Riverine	R	2,3	OW,RB,UB	All

[a] See Figure 4 for description of subsystem types.
[b] Includes codes with either a single class or with class as dominant type in combination with other classes. For example, forested wetlands are designated with codes PFO, PFO/EM, PFO/SS, etc.

characterized by bottomland forest species such as silver maple, ash, cottonwood, elm, and willow (S. Havera, Illinois Natural History Survey, personal communication).

Bottomland forests are defined in the IWI classification as temporarily or seasonally flooded forested wetlands that lack continuously standing water. This definition is based on water regime as opposed to proximity to streams or rivers. Bottomland forests range from areas of frequent flooding with a poorly developed understory (water regime C) to drier wetlands that have a greater diversity of plant species (water regime A).

Emergent wetlands are dominated by rooted, herbaceous hydrophytic vegetation such as sedges, rushes, forbs, and grasses. Vegetation may remain visible throughout the year or die back in the nongrowing season. Water regimes range from saturated soils with brief periods of standing water (wet meadow) to permanently inundated areas (deep marsh). Wet meadows and marshes were once common in the state (Sanderson et al. 1979, Illinois Department of Conservation 1988). They are often part of larger wetland complexes such as ponds, lakes, and rivers. Emergent wetlands are extremely productive ecosystems and support large numbers of plant and animal species. *Shallow marsh/wet meadow* is a category characterized by standing water that is present for brief to moderate periods during the growing season. *Deep marsh* is characterized by standing water or soil saturation on a semipermanent to permanent basis during the growing season.

Open water wetlands are nonvegetated areas less than 20 acres that are covered by water less than 6.6 ft (2 m) deep. This includes ponds, borrow pits, small reservoirs, and open water areas within a marsh or swamp.

Scrub-shrub wetlands are characterized by woody vegetation less than 20 ft (6 m) tall covering 30% or more of the area. Scrub-shrub wetlands can be a successional stage in the transition of an emergent wetland to forest, or they may represent a climax community such as the shrub bogs of northeastern Illinois.

Lacustrine wetlands are areas in which the water is less than 6.6 ft (2 m) deep, are larger than 20 acres, and are situated in a topographic depression or dammed river channel; these areas generally have less than 30% persistent vegetative cover. This type includes natural and artificial lakes and impoundments. Lacustrine wetlands are divided into three types: *shallow lake, lake shore,* and *emergent lake.* Shallow lakes are characterized by shallow open water. Lake shore wetlands are generally limited to the edges of large rivers and the shores of wave-affected

Table 3. Illinois wetland plants characteristic of IWI classification types (Illinois Department of Conservation 1988; J. Taft, Illinois Natural History Survey, personal communication).

PALUSTRINE WETLANDS	
Bottomland forest	
Bluebell	*Mertensia virginica*
Box elder	*Acer negundo*
Common phlox	*Phlox divaricata*
Cottonwood	*Populus deltoides*
Devil's beggarticks	*Bidens frondosa*
Goldenglow	*Rudbeckia laciniata*
Pin oak	*Quercus palustris*
River birch	*Betula nigra*
Sedge	*Carex grayi*
Shellbark hickory	*Carya laciniosa*
Silver maple	*Acer saccharinum*
Smooth hedge nettle	*Stachys tenuifolia*
Stout woodreed	*Cinna arundinacea*
Sycamore	*Platanus occidentalis*
Sweetgum	*Liquidambar styraciflua*
Wood nettle	*Laportea canadensis*
Swamp	
Bald cypress	*Taxodium distichum*
Copper iris	*Iris fulva*
Featherfoil	*Hottonia inflata*
Overcup oak	*Quercus lyrata*
Pumpkin ash	*Fraxinus profunda*
Swamp white oak	*Quercus bicolor*
Swamp red maple	*Acer rubrum* var. *drummondii*
Swamp rose	*Rosa palustris*
Virginia willow	*Itea virginica*
Water tupelo	*Nyssa aquatica*
Shallow marsh/wet meadow	
Blue skullcap	*Scutellaria lateriflora*
Common bur reed	*Sparganium eurycarpum*
Cordgrass	*Spartina pectinata*
Fowl mannagrass	*Glyceria striata*
Marsh marigold	*Caltha palustris*
Reed canarygrass	*Phalaris arundinacea*
Roughleaf goldenrod	*Solidago patula*
Sedge	*Carex sartwellii*
Southern blue flag	*Iris shrevei*
Spotted water hemlock	*Cicuta maculata*
Swamp dock	*Rumex verticillatus*
Swamp milkweed	*Asclepias incarnata*
Tickseed sunflower	*Bidens aristosa*
Tussock sedge	*Carex stricta*
Winged loosestrife	*Lythrum alatum*
Deep marsh	
Arrowleaf	*Sagittaria lateriflora*
Bluejoint grass	*Calamagrostis canadensis*
Bulrush	*Scirpus atrovirens*
Common cattail	*Typha latifolia*
Common reed	*Phragmites australis*
Halberd-leaved rose mallow	*Hibiscus laevis*
Marsh spikerush	*Eleocharis palustris*
Rice cutgrass	*Leersia oryzoides*
River bulrush	*Scirpus fluviatilis*
Softstem bulrush	*Scirpus validus*
Seedbox	*Ludwigia alternifolia*
Scrub-shrub wetland	
Black willow	*Salix nigra*
Buttonbush	*Cephalanthus occidentalis*
Glossy buckthorn (alien)	*Rhamnus frangula*
Halberd-leaved rose mallow	*Hibiscus laevis*
Pussy willow	*Salix discolor*
Red osier dogwood	*Cornus stolonifera*
Winterberry (bogs)	*Ilex verticillata*
Open water wetlands	
Broadleaf arrowhead	*Sagittaria latifolia*
Common cattail	*Typha latifolia*
Lesser duckweed	*Lemna minor*
Pickerelweed	*Pontederia cordata*
Purple ammannia	*Ammannia coccinea*
Rice cutgrass	*Leersia oryzoides*
Soft rush	*Juncus effusus*
Spatterdock	*Nuphar luteum*
Water purslane	*Ludwigia palustris*
LACUSTRINE WETLANDS	
Shallow lake	
American lotus	*Nelumbo lutea*
Coontail	*Ceratophyllum demersum*
Pondweed	*Potamogeton* sp.
Spatterdock	*Nuphar luteum*
Water smartweed	*Polygonum amphibium*
White water lily	*Nymphaea tuberosa*
Emergent lake	
Bulrush	*Scirpus acutus*
Common cattail	*Typha latifolia*
Common reed	*Phragmites australis*
Water purslane	*Ludwigia palustris*
Lake shore	
Beach grass	*Ammophila breviligulata*
Beach wormwood	*Artemisia caudata*
Common bog arrow grass	*Triglochin maritima*
Creeping juniper	*Juniperus horizontalis*
Lake shore rush	*Juncus balticus*
Sea rocket	*Cakile edentula*
RIVERINE WETLANDS	
Perennial	
Clammy hedge hyssop	*Gratiola neglecta*
Devil's beggarticks	*Bidens frondosa*
Great blue lobelia	*Lobelia siphilitica*
Moistbank pimpernel	*Lindernia dubia*
Sandbar willow	*Salix exigua*
Scouringrush horsetail	*Equisetum hyemale*
Smooth hedge nettle	*Stachys tenuifolia*
Water cress (springs)	*Nasturtium officinale*
Water willow	*Justicia americana*
Intermittent	
Clammy hedge hyssop	*Gratiola neglecta*
Ditch stonecrop	*Penthorum sedoides*
Frog fruit	*Phyla lanceolata*
Moistbank pimpernel	*Lindernia dubia*
Sessile-flowered cress	*Rorippa sessiliflora*
Straw-colored sedge	*Cyperus strigosus*

lakes. Emergent lake wetlands have a zone of emergent vegetation that extends from the shore to approximately 6.6 ft (2 m) in depth.

Riverine wetlands are largely shallow (< 6.6 ft [2 m] deep) rivers and streams within nonimpounded channels; they are either unvegetated or vegetated with nonpersistent emergent plants or aquatic plant beds. *Perennial* riverine wetlands are characterized by flowing water throughout the year. In *intermittent* riverine wetlands, water flows for only part of the year.

The IWI classification system divides deepwater habitat into two categories: lacustrine and riverine. *Deepwater lakes* are water bodies deeper than 6.6 ft (2 m) that occupy topographic depressions or that are impounded river channels. Flowing water deeper than 6.6 ft (2 m) in unimpounded channels characterizes *deepwater rivers*.

The IWI classification was designed to allow for the separation of wetlands and deepwater habitats that are "natural" from those that are "modified/artificial" based on modification or creation by dike, impoundment, or excavation (i.e., NWI codes with special modifiers h or x). The natural category most closely represents what remains of the state's original wetlands. Modified/artificial areas include farm ponds, sewage lagoons, and reservoirs. Some wetlands classified as modified/artificial were present in presettlement times, such as some floodplain and backwater areas of the Illinois and Mississippi rivers, but their original hydrology has been substantially altered through the construction of levees and drainage projects. The modified/artificial category does not necessarily represent a gain in wetland acreage.

Field testing of the IWI classification was conducted at Northern Illinois University under contract to the Illinois Department of Conservation (Luman 1989). The use of this classification was found to be an acceptable alternative to the more complicated NWI classification. Luman (1989) also established that after a period of time a significant number of NWI descriptions of individual wetlands were no longer accurate, mostly due to annual variation in hydrology and community succession (e.g., scrub-shrub to forested). Classification using the Illinois system was more accurate over time because the combination of water regimes into broader groups accounted for some of the annual variation in hydrology.

DATA ANALYSIS

A statewide summary of wetland and deepwater habitat data for Illinois is presented in Table 4. Information is summarized by IWI classification type in the appendixes as follows: 7.5-minute quadrangle maps and a corresponding table constitute Appendixes A and D, respectively; county maps and corresponding tables make up Appendixes B and E, respectively; and hydrologic basin maps and tables are found in Appendixes C and F, respectively. Distribution of the IWI classification types is represented on the appendix maps by five size classes based on dividing the total acreage for the given type into five groups with approximately equal acreages.

The summary table for quadrangle data (Appendix D) includes acreage, percentage, and ranking for wetlands and for natural wetlands. County and basin data are summarized by IWI classification types; the county and basin tables present the total acreage for the county or basin, acreage of wetland or deepwater habitat type, rank of the wetland or deepwater habitat type by acreage among the counties or basins, percentage of wetland or deepwater habitat type relative to county or basin area, and rank by percentage among counties or basins (Appendixes E and F). Both the acreage and percentage of wetland or deepwater habitat type are useful for determining the relative abundance of a given type, particularly when comparing areas of different sizes. For example, Adams and Alexander counties have approximately the same total wetland acreage, but Alexander County ranks first among the 102 counties in terms of the percentage of the county occupied by wetlands whereas Adams County ranks 44th (Appendix E).

An analysis by NWI classifications provided information not available from analysis with the IWI classification categories. The breakdown of the data by vegetative type or substrate (class), hydrological regime (water regime), and human impact (special modifier) provided additional parameters with which to characterize the wetlands and deepwater habitats of Illinois.

RESULTS

SURFACE WATER

Of nearly 36 million acres of surface area in Illinois, wetlands and deepwater habitats (i.e., surface water) represented 4.9% (1.76 million acres) of the total in 1980–1987 (Table 4). Seventy-one percent of the surface water was wetland, and 29% was deepwater habitat. Surface water acreage was dominated by bottomland forest wetlands (43.2%); other major types included deepwater

Table 4. Summary of data for Illinois wetlands and deepwater habitats by IWI classification categories. The total area of the state is 35,691,046 acres.

IWI classification category	Acreage	% of state land area	% of state wetland area	Natural[a]		Modified/artificial[a]		% of natural acreage for category			
								Affected by			
				Acreage	% of category	Acreage	% of category	Drainage	Farming	Drainage and farming	Not affected by drainage and farming
WETLANDS											
Palustrine											
Forested	773,632	2.2	61.7	661,174	85.5	112,458	14.5	0.9	0.0	0.0	99.1
Swamp	14,939	0.0	1.2	10,553	70.6	4,386	29.4	0.2	0.0	0.0	99.8
Bottomland forest	758,693	2.1	60.5	650,621	85.8	108,072	14.2	0.9	0.0	0.0	99.1
Emergent	201,621	0.6	16.1	172,178	85.4	29,443	14.6	14.7	11.4	3.8	70.0
Shallow marsh/wet meadow	162,913	0.5	13.0	146,873	90.2	16,040	9.8	16.1	13.4	4.5	66.1
Deep marsh	38,708	0.1	3.1	25,305	65.4	13,403	34.6	7.0	0.0	0.0	93.0
Open water	143,345	0.4	11.4	16,402	11.4	126,944	88.6	1.1	0.0	0.0	98.8
Scrub-shrub	50,366	0.1	4.0	38,401	76.2	11,964	23.8	4.3	0.0	0.0	95.7
Subtotal[b]	1,168,964	3.3	93.2	888,155	76.0	280,809	24.0	3.7	2.2	0.7	93.3
Lacustrine											
Shallow lake	51,868	0.1	4.1	9,354	18.0	42,514	82.0	0.0	0.0	0.0	100.0
Lake shore	2,929	0.0	0.2	422	14.4	2,507	85.6	0.0	0.0	0.0	100.0
Emergent lake	772	0.0	0.1	531	68.9	240	31.1	0.0	0.0	0.0	100.0
Subtotal	55,568	0.2	4.4	10,307	18.5	45,261	81.5	0.0	0.0	0.0	100.0
Riverine Wetlands											
Perennial	3,967	0.0	0.3	3,802	95.9	164	4.1	0.0	0.0	0.0	100.0
Intermittent	25,392	0.1	2.0	15,500	61.0	9,892	39.0	0.0	0.0	0.0	100.0
Subtotal	29,358	0.1	2.3	19,302	65.7	10,057	34.3	0.0	0.0	0.0	100.0
Total wetlands	1,253,891	3.5	–	917,765	73.2	336,126	26.8	3.6	2.1	0.7	93.5
DEEPWATER HABITAT											
Lacustrine	334,278	0.9	–	17,117	5.1	317,161	94.9	0.0	0.0	0.0	100.0
Riverine	167,156	0.5	–	133,729	80.0	33,427	20.0	0.0	0.0	0.0	100.0
Total deepwater habitat	501,434	1.4	–	150,847	30.1	350,587	69.9	0.0	0.0	0.0	100.0
TOTAL SURFACE WATER	1,755,325	4.9	–	1,068,612	60.9	686,714	39.1	3.1	1.8	0.6	94.5

[a] "Natural" means not diked, impounded, or excavated (i.e., NWI code lacks special modifier h or x), and "modified/artificial" means diked, impounded, dug, or channelized (i.e., NWI code includes special modifier h or x).

[b] Subtotal of forested, emergent, open water, and scrub-shrub.

Note: The sum of components may not equal the total listed due to round-off.

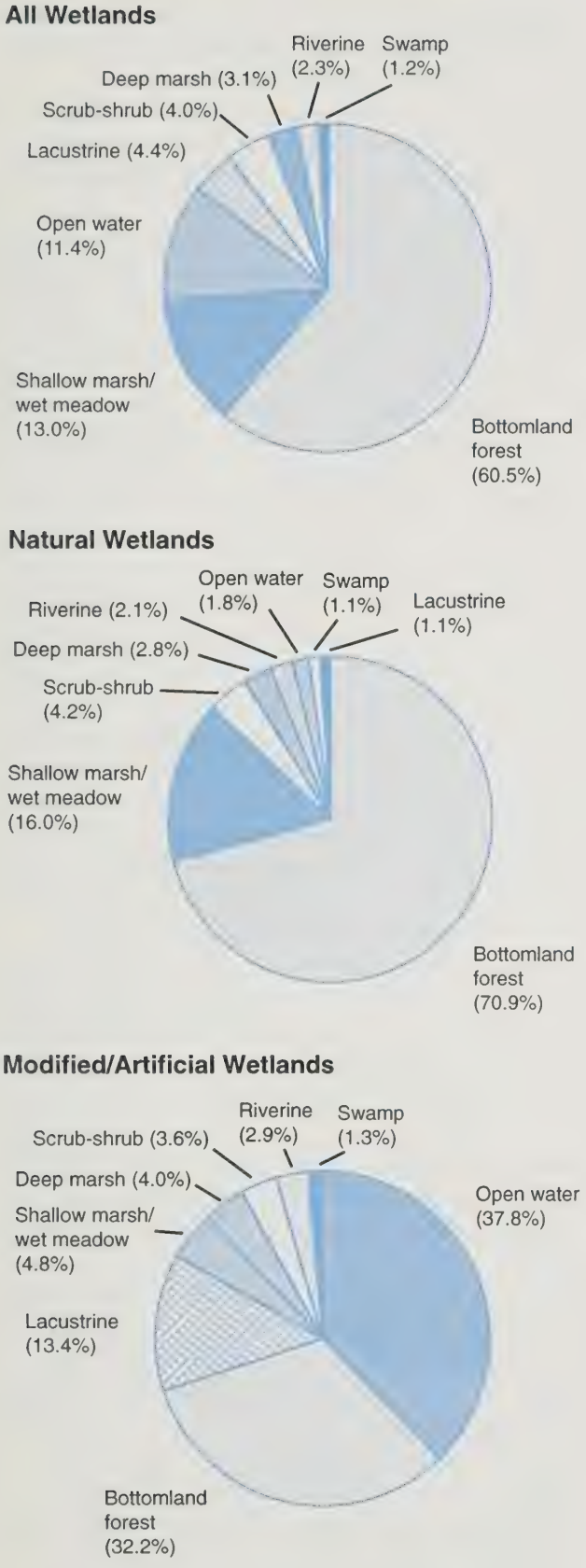

Figure 5. Percentage of wetland types for all wetlands, natural wetlands, and modified/artificial wetlands in Illinois, 1980–1987.

lake (mostly impoundment lakes on river channels; 19.0%), deepwater river (9.5%), and shallow marsh/wet meadow (9.3%).

WETLANDS

Wetlands of all types occupied about 1.25 million acres, or 3.5% of the total area of Illinois. Most wetlands were palustrine (93.2%), with small amounts of lacustrine (4.4%) and riverine (2.3%) acreage. Bottomland forest was by far the most abundant wetland type, representing 60.5% of the total wetland acreage (Figure 5). The next most abundant type was shallow marsh/wet meadow, constituting 13.0% of the total wetland acreage. Other wetland types in order of decreasing abundance were open water, lacustrine (shallow lake, lake shore, and emergent lake), scrub-shrub, deep marsh, riverine (intermittent and perennial), and swamp. Wetlands were concentrated in northeastern Illinois, along the Illinois River, and in southern Illinois (Appendix A). The counties with the highest wetland acreages were Jackson, Clinton, St. Clair, Lake, and Franklin (Appendix E, Table E1). Alexander County had the highest percentage of land area occupied by wetlands (14.7%), followed by Clinton, Lake, Calhoun, and Franklin counties; wetlands occupied less than 3% of the land area in half the counties in Illinois. Wetlands were most common in the Big Muddy River basin, where approximately one-tenth of the state's wetlands occurred, followed by the lower Kaskaskia, the middle Kaskaskia, the Illinois from East Peoria to Beardstown, and the Little Wabash river basins (Appendix F, Table F1).

The natural wetlands category constituted 917,765 acres, or nearly three-quarters of the total wetland acreage in the state. Seventy-one percent of the natural wetland acreage was bottomland forest, and 16.0% was shallow marsh/wet meadow. Each of the other nine wetland types accounted for 4.2% or less of the natural wetlands. The wetland types with at least 75% natural acreage were perennial riverine, shallow marsh/wet meadow, bottomland forest, and scrub-shrub. Natural wetlands were concentrated in the southern third and the northeastern corner of the state (Appendix A). Counties with the highest natural wetland acreages were Clinton, Jackson, Lake, St. Clair, and Wayne (Appendix E, Table E1). Alexander and Lake counties had the highest percentages of natural wetlands relative to total area in the county (14.4% and 10.2%, respectively); half the counties had less than 2% of their land area occupied by natural wetlands. Natural wetlands were most common in the basins of the Big Muddy River, the lower Kaskaskia River, the Little Wabash

River, the middle Kaskaskia River, and the Mississippi River from Reily Lake to Cairo (Appendix F, Table F1).

Approximately one-fourth of the wetlands were modified or created by dike, impoundment, or excavation. Open water wetlands and bottomland forest accounted for 37.8% and 32.2%, respectively, of the 336,126 acres in this category. Open water, lake shore, and shallow lake were the wetland types most affected by dike, impoundment, or excavation. Modified/artificial wetlands were concentrated along the Illinois and Mississippi rivers and in the Big Muddy and middle Kaskaska river basins (Appendixes A; F, Table F1). The highest modified/artificial acreages were found in Mason, Fulton, Calhoun, Adams, and Woodford counties (Appendix E, Table E1).

In Illinois, palustrine wetlands occupied 1.17 million acres. Approximately three-quarters of the palustrine wetland acreage was natural. Palustrine habitat was concentrated in northeast Illinois, along the Illinois River, and in southern Illinois (Appendix A). Counties with the most palustrine acreage were Jackson, St. Clair, Clinton, Lake, and Wayne (Appendix E, Table E2). The Big Muddy River basin had the most palustrine acreage, followed by the basins of the lower Kaskaskia River, Little Wabash River, middle Kaskaskia River, and Illinois River from East Peoria to Beardstown (Appendix F, Table F2).

Of the 14,939 acres classified as swamp, two-thirds were found in the southern part of the state in the Big Muddy, the lower and upper Cache, and Ohio river basins (Appendix F, Table F3). Only a portion of the total acreage for this category was swamp characterized by species such as bald cypress and water tupelo. The Illinois Natural Areas Inventory identified approximately 2,000 acres of undisturbed or lightly disturbed swamp in the state in 1978 (White 1978). Dead woody vegetation occupied 1,681 acres of the swamp category; these areas are commonly associated with artificial impoundments (Cowardin et al. 1979).

Bottomland forest occupied 758,693 acres, most of which were natural. Bottomland forested wetlands were concentrated in the southern third of the state and along the Illinois and Mississippi rivers (Appendix A). The highest acreages were in Clinton, Jackson, St. Clair, Wayne, and Franklin counties (Appendix E, Table E3). Bottomland forests were most common in the Big Muddy, the lower and middle Kaskaskia, the Little Wabash, and the Embarras river basins (Appendix F, Table F3).

Shallow marsh/wet meadow accounted for 162,913 acres, of which 90% were natural. Among all the wetland types, this type had the highest percentage of acreage affected by drainage and farming. The six counties with the most shallow marsh/wet meadow acreage—McHenry, Lake, Will, Cook, Kane, and DuPage—are all in northeastern Illinois, and together they accounted for nearly one-third of the total shallow marsh/wet meadow acreage in the state (Appendix E, Table E4). Basins with the highest shallow marsh/wet meadow acreage were the upper Fox, the Des Plaines, the Kishwaukee, the Mississippi from Hartford to Reily Lake, and the Rock River (Appendix F, Table F4).

There were 38,708 acres of deep marsh; about two-thirds were classified as natural. Lake County had the highest deep marsh acreage (9,003 acres), followed by McHenry County (Appendix E, Table E4). One-third of the deep marsh acreage was located in four counties in northeastern Illinois (Lake, McHenry, Cook, and Will). Only eight counties had more than 1,000 acres of deep marsh. Deep marshes were also concentrated near impoundment lakes such as Shelbyville and Carlyle (Appendix A).

Open water wetlands accounted for 11% (143,345 acres) of the total wetland acreage. Unlike the other palustrine categories, this type was largely (89%) modified by dikes, impoundment, or excavation. The county with the highest open water wetland acreage was Fulton, followed by St. Clair, Cook, Macoupin, and Williamson counties (Appendix E, Table E5). The river basins with the highest open water acreages were the Big Muddy, Spoon, lower Kaskaskia, Des Plaines, and lower Illinois (Appendix F, Table F5).

The IWI classified 50,366 acres as scrub-shrub wetlands. Concentrations of scrub-shrub wetlands were located along the Illinois River (particularly Cass and Mason counties) and in the southern counties of Saline, Randolph, and Jackson (Appendixes A; E, Table E5).

Only 4.4% of the state's wetlands were classified as lacustrine. The 51,868 acres of shallow lake habitat were concentrated along the Illinois River in Woodford, Mason, and Peoria counties, and in Lake and Jefferson counties (Appendixes A; E, Table E6). Less than 3,000 acres of lake shore were identified; nearly half occurred in Fayette and Clinton counties, largely associated with Lake Carlyle (Appendixes A; E, Table E6). The total area of emergent lake wetlands was 772 acres; about two-thirds of this occurred in the Big Muddy basin (Appendix F, Table F6).

Riverine wetlands accounted for 2.3% of the wetlands in the state, occupying a total area of 29,358 acres. In Illinois, perennial riverine wetlands constituted 14% of riverine wetlands; the highest acreages occurred in Alexander and Pike counties (Appendix E, Table E7). Intermittent riverine wetlands accounted for 86% of riverine wetlands. The counties with the highest acreages of intermittent riverine wetlands were LaSalle, Jackson,

Pike, Fulton, and Hancock (Appendix E, Table E7). This type was most common in the Big Muddy, Illinois, Spoon, and La Moine river basins (Appendix F, Table F7).

DEEPWATER HABITAT

Deepwater habitat covered about half a million acres, or 1.4% of the state's surface area. Counties with the highest acreages of deepwater habitat were Calhoun, Clinton, Rock Island, Carroll, and Hancock (Appendix E, Table E8). Deepwater habitat acreage was highest in the upper Mississippi, Illinois, and Big Muddy river basins.

Thirty percent of the deepwater habitat was natural, and most of this was riverine. Natural deepwater habitat was concentrated in Alexander, Randolph, Madison, Lake, and Monroe counties (Appendix E, Table E8). The highest acreages of natural deepwater habitat were in the lower Mississippi and Illinois river basins, followed by the Rock and upper Fox river basins (Appendix F, Table F8).

Nearly 70% of the deepwater habitat acreage in Illinois was classified as modified/artificial, most of which was lacustrine. Counties with the highest acreages of modified/artificial deepwater habitat were Calhoun, Clinton, Rock Island, Carroll, and Hancock (Appendix E, Table E8). This habitat was most common in the Big Muddy, the Mississippi above St. Louis, and the Illinois river basins (Appendix F, Table F8).

Approximately two-thirds of the deepwater habitat in Illinois was lacustrine, and one-third was riverine. Much of the acreage for lacustrine deepwater habitat was concentrated in the Big Muddy River basin and, because this category includes impounded river channels, in the Mississippi and Illinois basins (Appendix F, Table F9). The counties with the highest acreages of lacustrine deepwater habitat were Calhoun, Clinton, Rock Island, Carroll, and Hancock (Appendix E, Table E9). Deepwater riverine acreage was concentrated in the lower Mississippi River basin, particularly Alexander, Randolph, Monroe, and Madison counties, and in the Rock River basin.

NWI CLASSIFICATION ANALYSIS

Ninety percent of the wetlands and deepwater habitats in Illinois were classified using 29 NWI codes (of the 617 used in Illinois) (Table 5). The four most abundant NWI codes in Illinois constituted 59% of the surface water. Two of the four types were bottomland forested wetlands—PFO1A (temporarily flooded) and PFO1C (seasonally flooded)—which together accounted for more than one-third of the state's total surface water acreage and half of the state's wetland acreage. The other two types were permanently flooded deepwater habitats—L1UBHH (impounded lacustrine areas with unconsolidated bottom, i.e., impounded rivers) and R2UBH (lower perennial riverine with unconsolidated bottom). Twenty-two of the 29 NWI codes describe wetlands; 12 were natural and 10 were modified/artificial.

Class, water regime, and special modifier breakdowns for wetlands and deepwater habitats are given in Table 6 and are illustrated in Figure 6. Of the 10 classes used in Illinois, nine describe wetlands. Three classes—forested, emergent, and unconsolidated bottom—accounted for 91% of the total wetland acreage. All the forested and nearly all the emergent acreages were palustrine wetlands. Approximately one-quarter of the total unconsolidated bottom acreage described wetlands; wetlands with an unconsolidated bottom were three-quarters palustrine and one-quarter lacustrine. All scrub-shrub acreage was palustrine wetlands. All acreage of the streambed class was riverine wetlands, nearly all of which was intermittent riverine wetlands. Forty-one percent of the open water class acreage was wetlands, about two-thirds of which were palustrine and one-third lacustrine. Acreage of the aquatic bed class was mostly wetlands (96%), two-thirds of which were palustrine and one-third lacustrine. Only wetlands were described as having an unconsolidated shore, and half of these areas were perennial riverine. Only 1 acre of lake shore wetland was classified as rocky shore. The designation of rock bottom was applied to 29 acres, all deepwater perennial riverine.

Water regimes for wetlands range from temporarily to permanently flooded. Slightly more than half the wetlands in the state were classified as temporarily flooded (A), the dry end of the soil moisture continuum, and about one-quarter were seasonally flooded (C). Wetlands with water regime A were predominantly forested (86.5%). Sixty percent of the acreage with water regime C was forested wetlands, 32% was emergent wetlands, and 6% was scrub-shrub wetlands. The third most abundant water regime, intermittently exposed (G), was about three-quarters open water wetlands (PUB). The semipermanently flooded (F) water regime mostly described emergent and intermittent riverine wetlands. Permanently flooded (H) was predominately a descriptor of deepwater habitat; wetlands with an H regime were mostly shallow lakes and open water wetlands. Artificially flooded (K) wetland areas included forested, open water, emergent, shallow lake, and scrub-shrub wetlands.

Special modifiers were applied to about one-third of the total wetland acreage and two-thirds of the total

Table 5. The 29 most abundant National Wetlands Inventory (NWI) codes in Illinois. The percentage of each NWI code relative to total wetland or deepwater habitat acreage is shown. Classification of codes as natural or modified/artificial is indicated.

NWI code	IWI classification	Acres	% of wetland acreage	% of deep-water acreage	Natural	Modified/ artificial
PFO1A	Bottomland forest	516,394	41.2	–	X	
L1UBHH	Deepwater lake	278,067	–	55.5		X
R2UBH	Deepwater river	123,823	–	24.7	X	
PFO1C	Bottomland forest	120,571	9.6	–	X	
PUBGH	Open water wetland	68,255	5.4	–		X
PEMC	Shallow marsh/wet meadow	55,812	4.5	–	X	
PFO1AH	Bottomland forest	51,708	4.1	–		X
PFO1CH	Bottomland forest	49,932	4.0	–		X
PUBGX	Open water wetland	32,414	2.6	–		X
R2UBHX	Deepwater river	29,620	–	5.9		X
PEMA	Shallow marsh/wet meadow	28,758	2.3	–	X	
L1UBHX	Deepwater lake	24,974	–	5.0		X
L2UBHH	Shallow lake	22,020	1.8	–		X
PEMF	Deep marsh	21,294	1.7	–	X	
PEMAF	Shallow marsh/wet meadow	17,214	1.4	–	X	
L2UBGH	Shallow lake	16,699	1.3	–		X
PSS1A	Scrub-shrub	16,635	1.3	–	X	
PEMCD	Shallow marsh/wet meadow	16,551	1.3	–	X	
R4SBF	Intermittent river	14,661	1.2	–	X	
R4SBFX	Intermittent river	9,182	0.7	–		X
L1UBH	Deepwater lake	9,012	–	1.8	X	
PSS1C	Scrub-shrub	8,949	0.7	–	X	
R2OWH	Deepwater river	8,824	–	1.8	X	
PEMFH	Deep marsh	8,200	0.7	–		X
PEMCH	Shallow marsh/wet meadow	7,919	0.6	–		X
L1OWH	Deepwater lake	7,340	–	1.5	X	
PUBG	Open water wetland	6,920	0.6	–	X	
L2OWH	Shallow lake	6,566	0.5	–	X	
POWHX	Open water wetland	5,759	0.5	–		X

deepwater habitat acreage in Illinois. For wetlands, the predominant modifier was diked/impounded (special modifier h), which was applied to 21.4% of the total wetland acreage. The excavated (x), partially drained/ditched (d), and farmed (f) modifiers were applied to 5.5%, 3.2%, and 2.1% of the total wetland acreage, respectively.

Forty-one percent of diked/impounded wetlands were forested; 29% and 9% were open water and emergent wetlands, respectively. Approximately three-quarters of the wetlands acreage with the excavation modifier was open water wetlands. Eighty-one percent of the acreage with the drainage modifier was emergent wetlands. The farmed modifier was applied to 26,415 acres, virtually all emergent wetlands. Thirty-three acres of wetlands with artificial substrate and 14 acres of wetlands created by beavers were identified.

Table 6. Acreages for Illinois wetlands and deepwater habitats by National Wetlands Inventory class, water regime, and special modifier.

NWI descriptor	Wetland	Deepwater	Total
Class			
AB	8,706	314	9,020
EM	202,395	0	202,395
FO	773,632	0	773,632
OW	19,932	28,298	48,231
RB	0	29	29
RS	1	0	1
SB	25,399	0	25,399
SS	50,366	0	50,366
UB	166,009	472,793	638,802
US	7,453	0	7,453
Water regime			
A	668,230	11[a]	668,241
B	3,523	0	3,523
C	296,527	4[a]	296,531
F	93,218	119	93,338
FK	10	0	10
G	138,747	2,770	141,518
H	42,616	496,914	539,530
J	1,107	0	1,107
K	9,888	1,616	11,504
KG	12	0	12
KH	10	0	10
U	0	2	2
Z	3	0	3
Special modifier			
b	14	0	14
d	32,998	0	32,998
df	6,573	0	6,573
dh	327	0	327
dhs	78	0	78
dx	4	0	4
f	19,667	0	19,667
fd	21	0	21
fh	136	0	136
fx	2	0	2
h	267,168	284,480	551,648
hd	1	0	1
hf	17	0	17
hr	5	0	5
hx	423	3,032	3,455
r	5	0	5
rx	21	0	21
x	67,942	63,110	131,053
xd	0	0	0
xr	2	11	13
Total	395,402	350,633	746,036
Cumulative totals for special modifiers[b]			
b	14	0	14
d	40,000	0	40,000
f	26,415	0	26,415
h	268,155	287,512	555,666
r	33	11	44
x	68,394	66,108	134,502

[a] These modifiers apply to unique situations such as spillways.
[b] Acreages for double modifiers are included in both categories; for example, DF acreage is included in cumulative total for D and F.

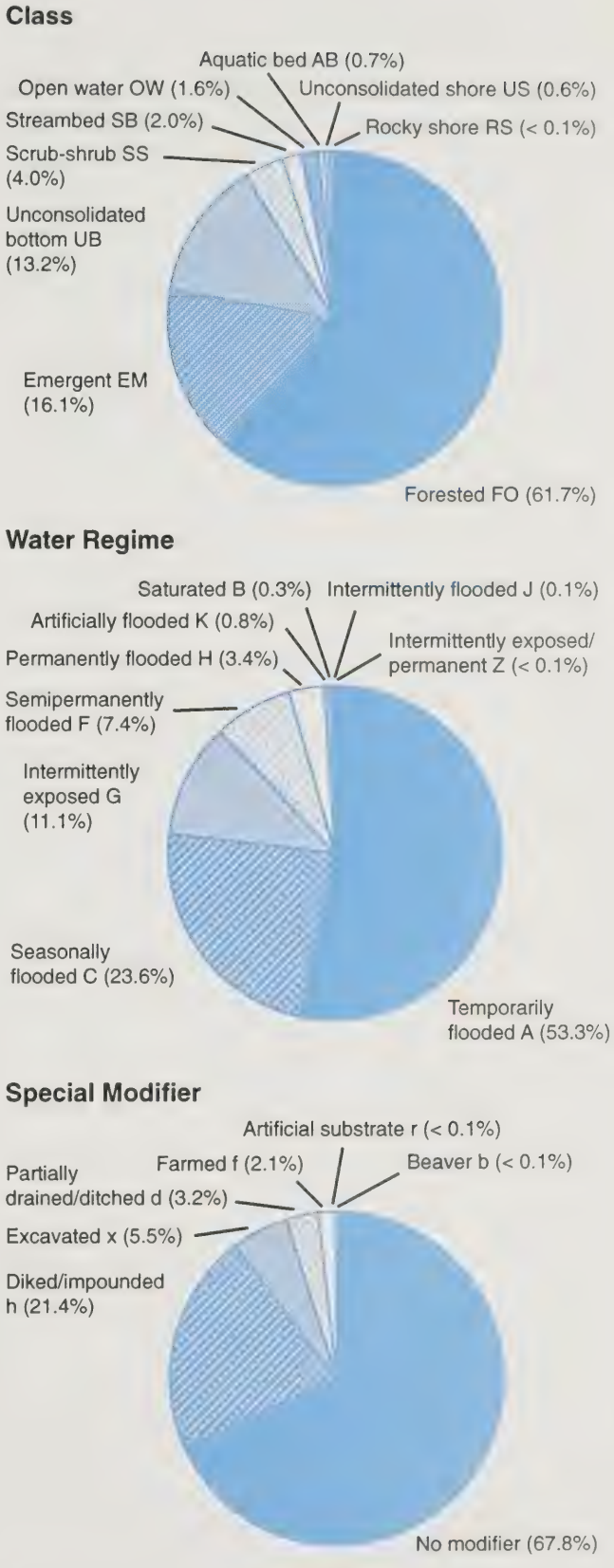

Figure 6. Percentages of Illinois wetland acreages by National Wetlands Inventory class, water regime, and special modifier, 1980–1987. All NWI codes included class and water regime; special modifiers were used where applicable.

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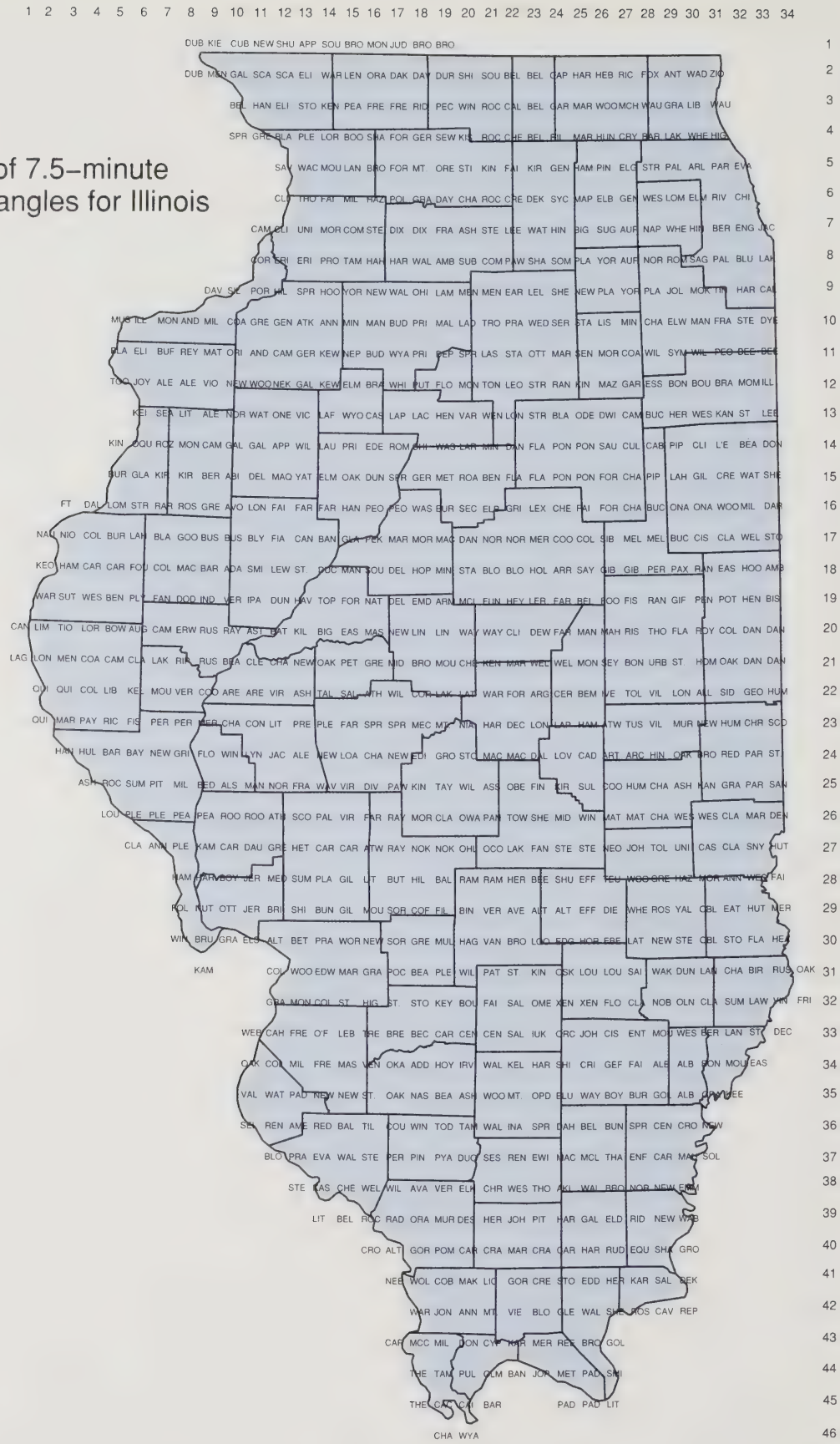
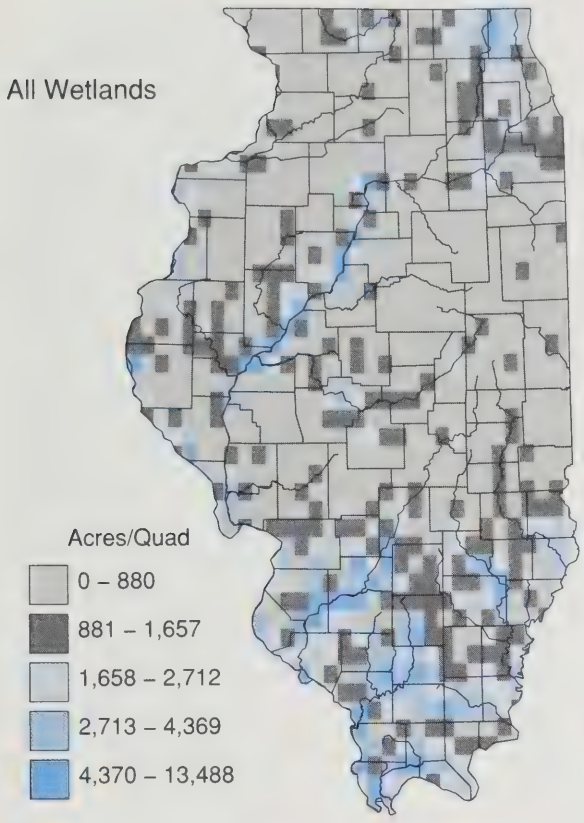
APPENDIX A

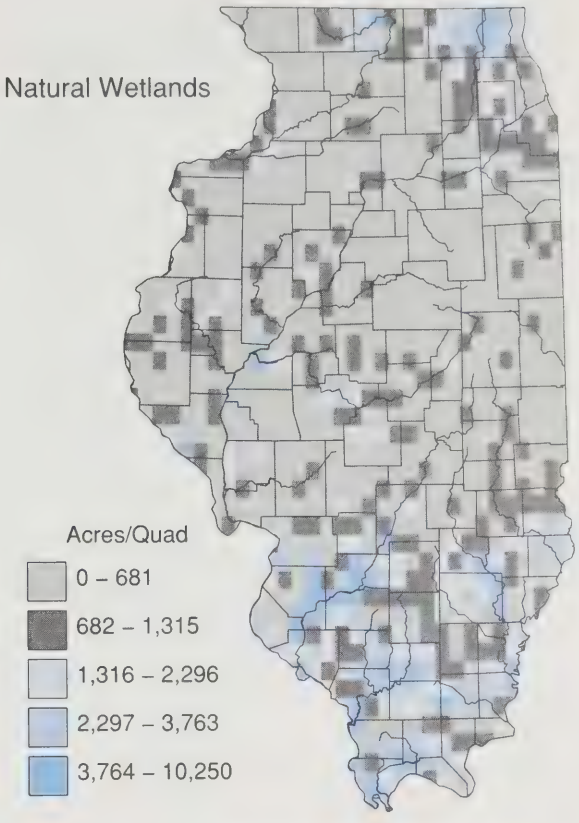
Distribution of Illinois wetlands and deepwater habitats by 7.5-minute quadrangle, 1980–1987

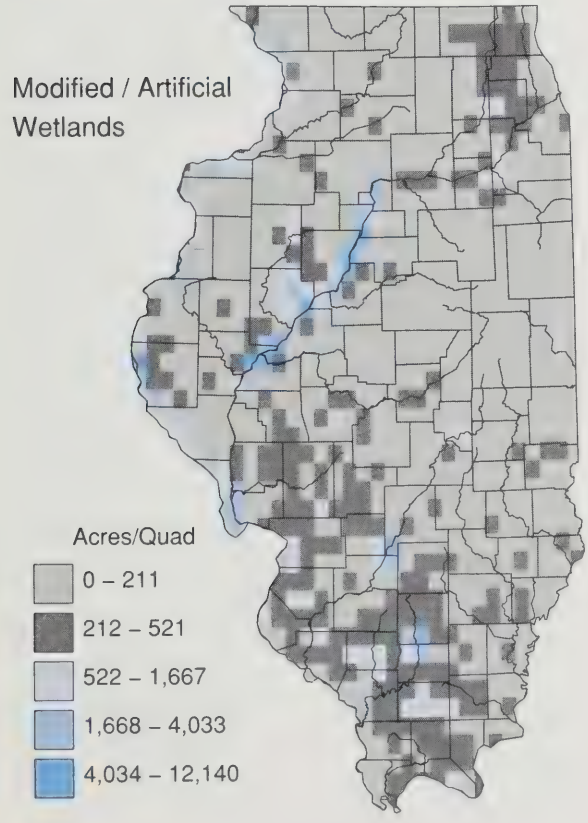
Index of 7.5–minute Quadrangles for Illinois

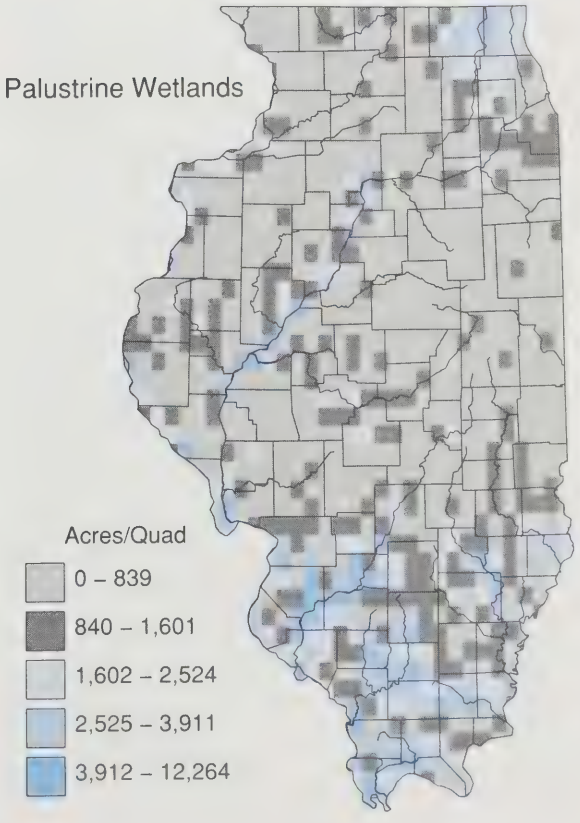


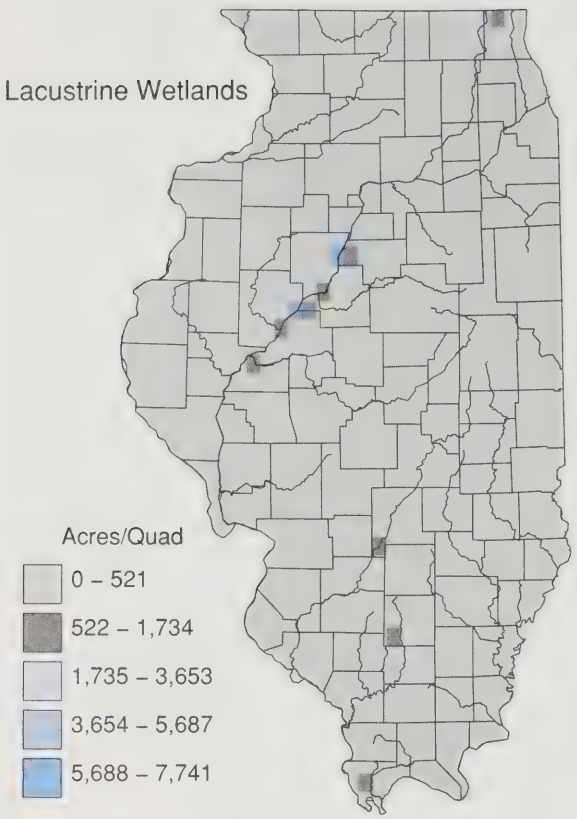
County boundaries are included here for reference. Full names of quadrangles are given in Appendix D.

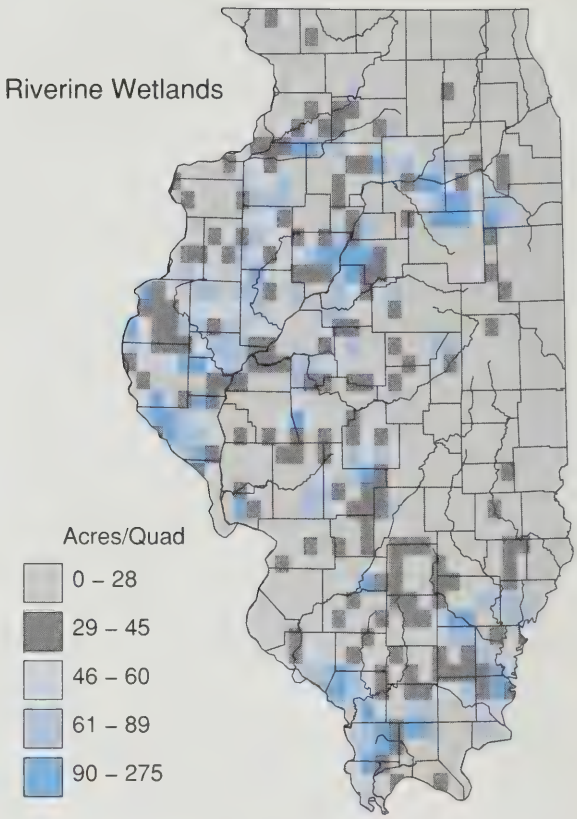

All Wetlands
Acres/Quad
0 – 880
881 – 1,657
1,658 – 2,712
2,713 – 4,369
4,370 – 13,488

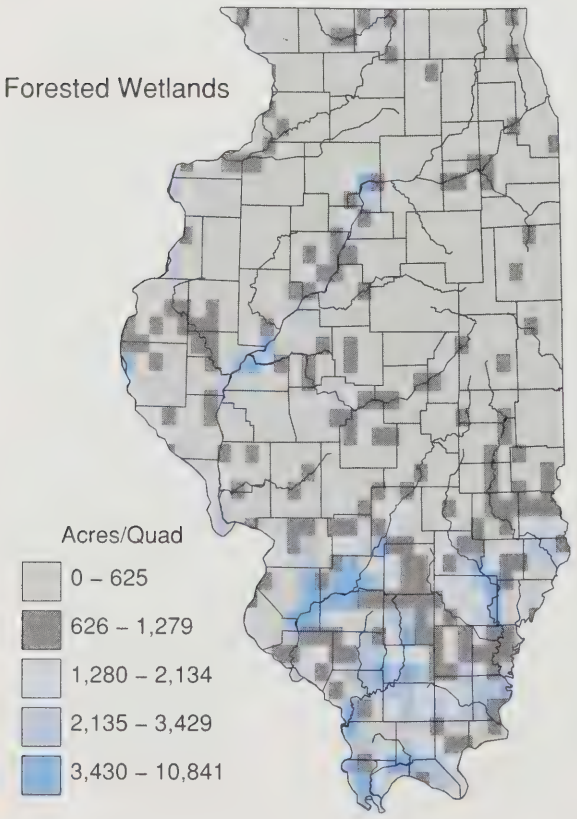

Natural Wetlands
Acres/Quad
0 – 681
682 – 1,315
1,316 – 2,296
2,297 – 3,763
3,764 – 10,250

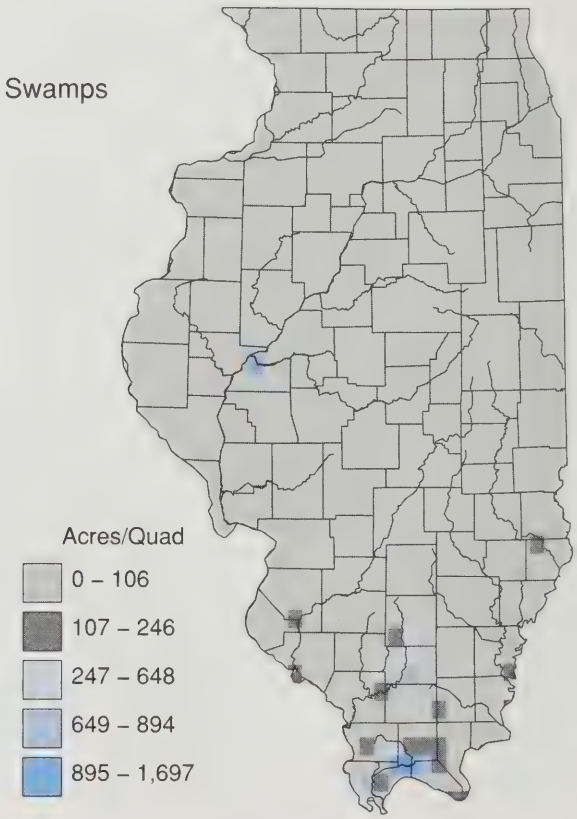

Modified / Artificial Wetlands
Acres/Quad
0 – 211
212 – 521
522 – 1,667
1,668 – 4,033
4,034 – 12,140

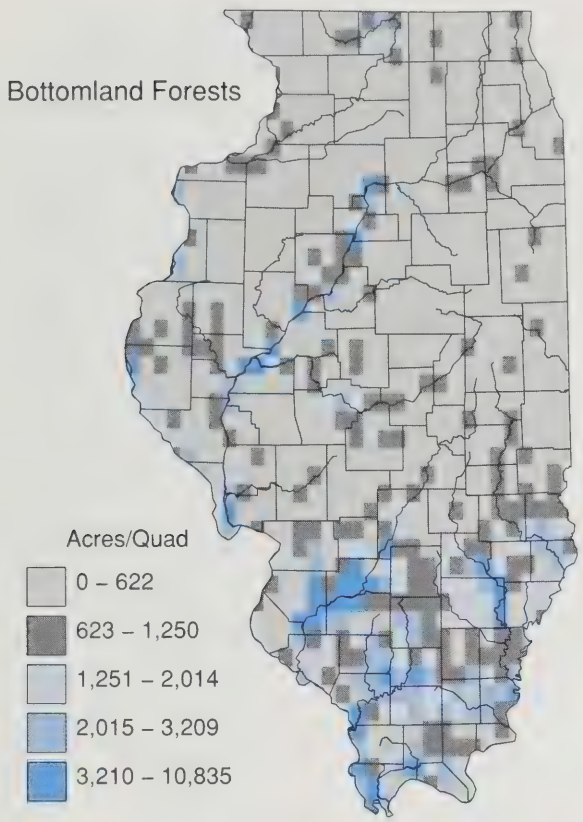

Palustrine Wetlands
Acres/Quad
0 – 839
840 – 1,601
1,602 – 2,524
2,525 – 3,911
3,912 – 12,264

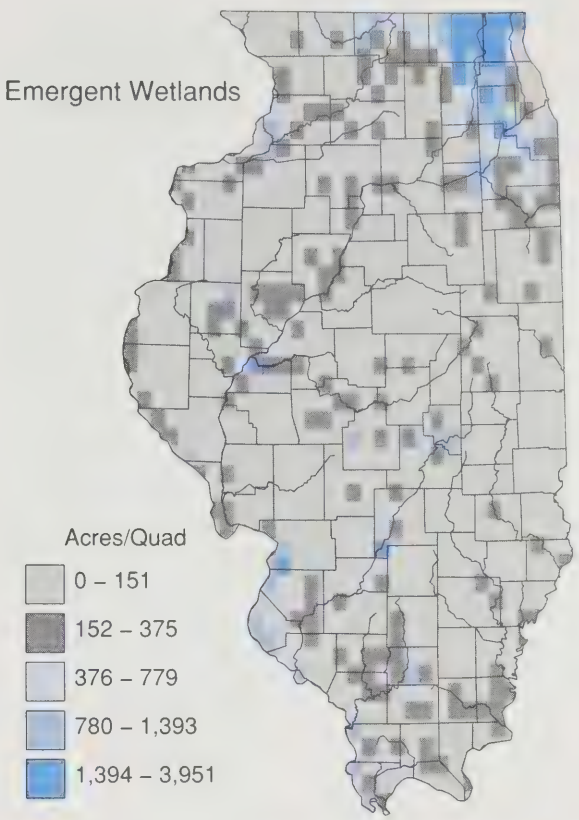

Lacustrine Wetlands
Acres/Quad
0 – 521
522 – 1,734
1,735 – 3,653
3,654 – 5,687
5,688 – 7,741

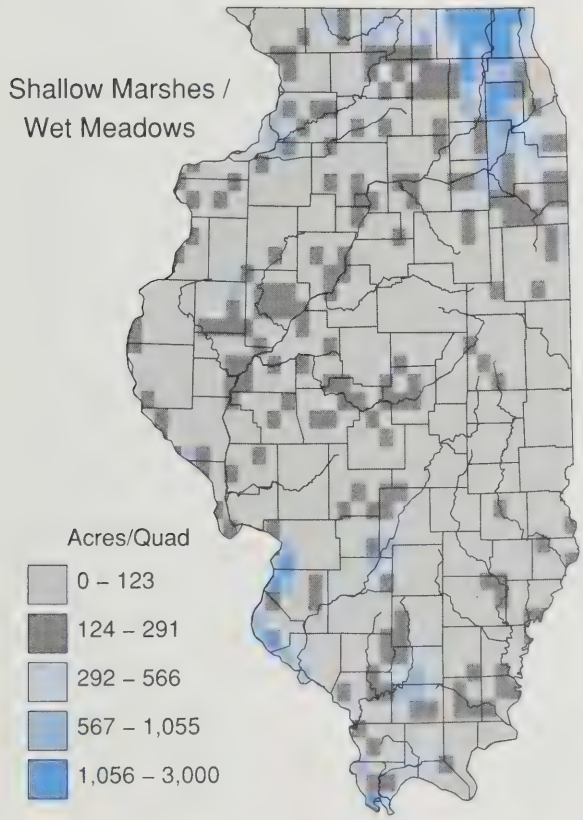

Riverine Wetlands
Acres/Quad
0 – 28
29 – 45
46 – 60
61 – 89
90 – 275

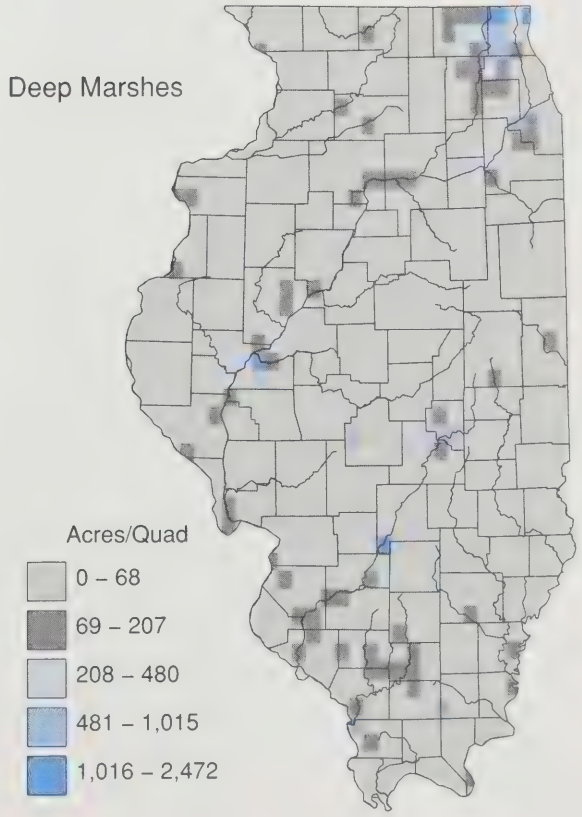

Forested Wetlands
Acres/Quad
0 – 625
626 – 1,279
1,280 – 2,134
2,135 – 3,429
3,430 – 10,841

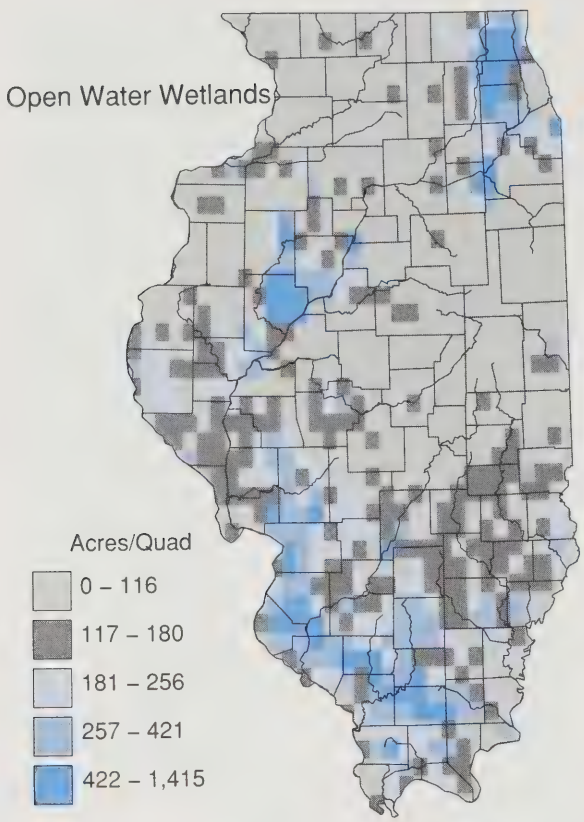

Swamps
Acres/Quad
0 – 106
107 – 246
247 – 648
649 – 894
895 – 1,697

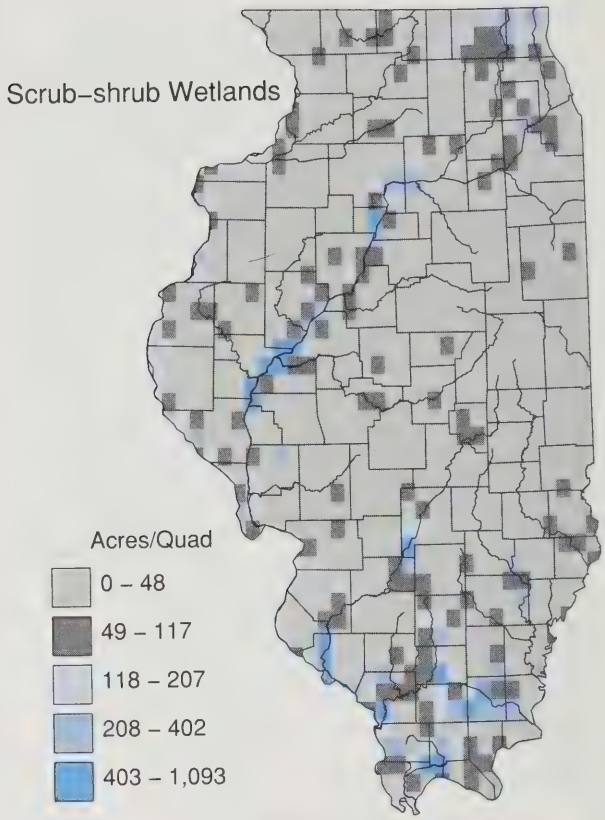

Bottomland Forests
Acres/Quad
0 – 622
623 – 1,250
1,251 – 2,014
2,015 – 3,209
3,210 – 10,835

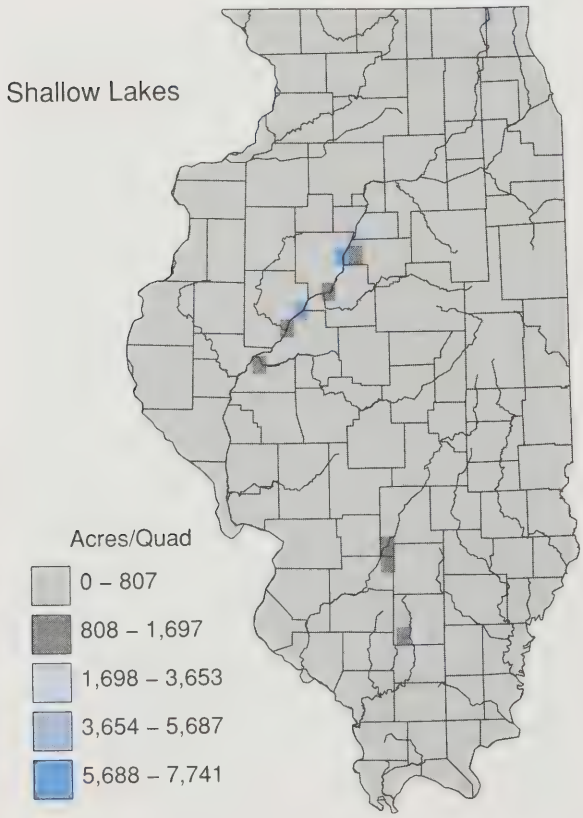

Emergent Wetlands
Acres/Quad
0 – 151
152 – 375
376 – 779
780 – 1,393
1,394 – 3,951

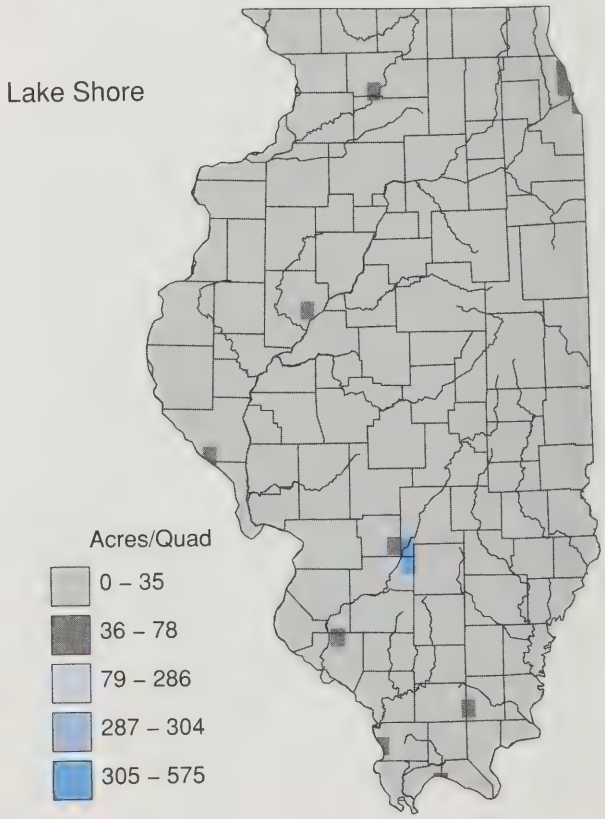

Shallow Marshes /
Wet Meadows
Acres/Quad
0 – 123
124 – 291
292 – 566
567 – 1,055
1,056 – 3,000

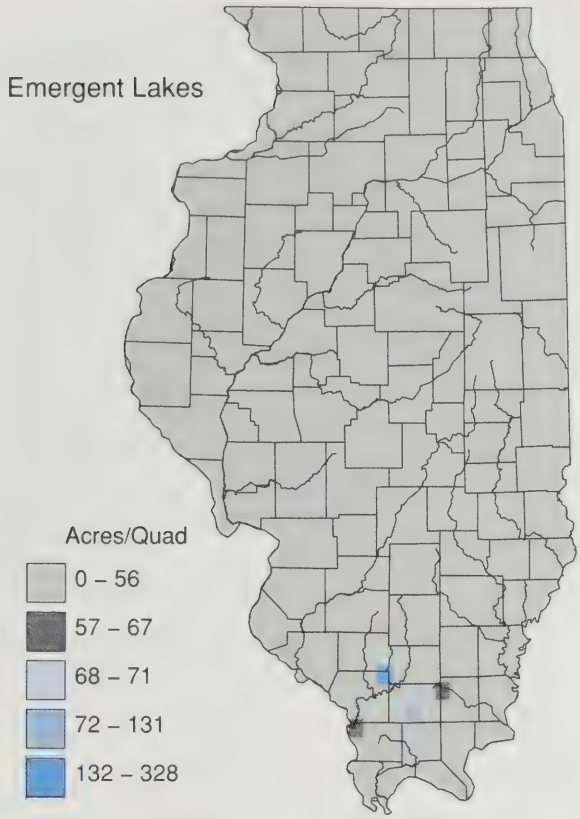

Deep Marshes
Acres/Quad
0 – 68
69 – 207
208 – 480
481 – 1,015
1,016 – 2,472

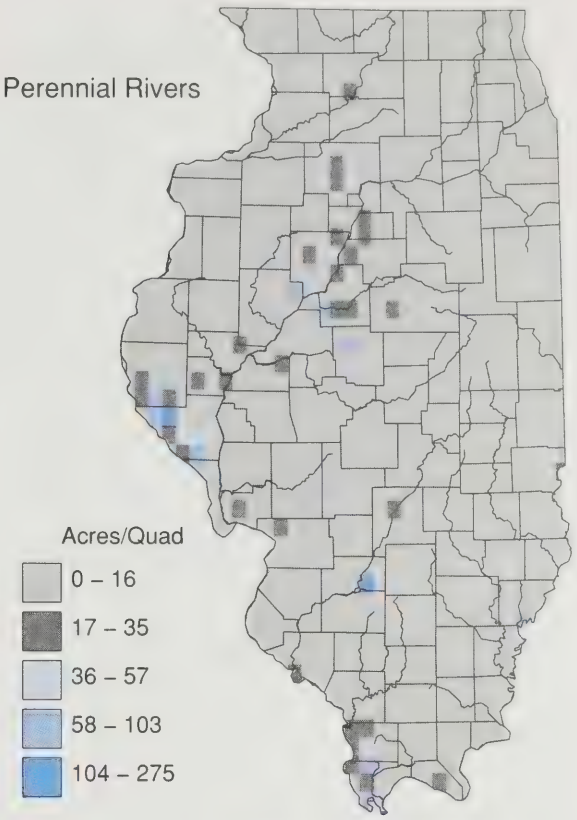

Open Water Wetlands
Acres/Quad
0 – 116
117 – 180
181 – 256
257 – 421
422 – 1,415

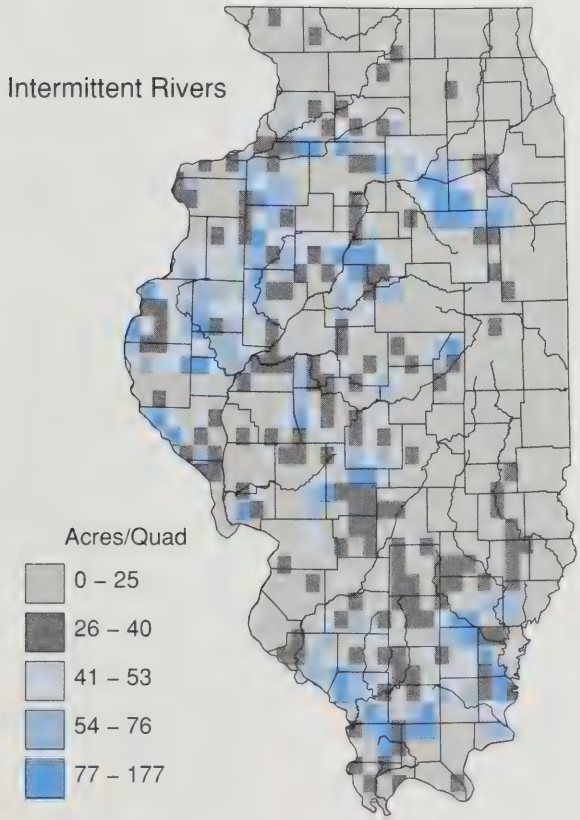

Scrub–shrub Wetlands
Acres/Quad
0 – 48
49 – 117
118 – 207
208 – 402
403 – 1,093

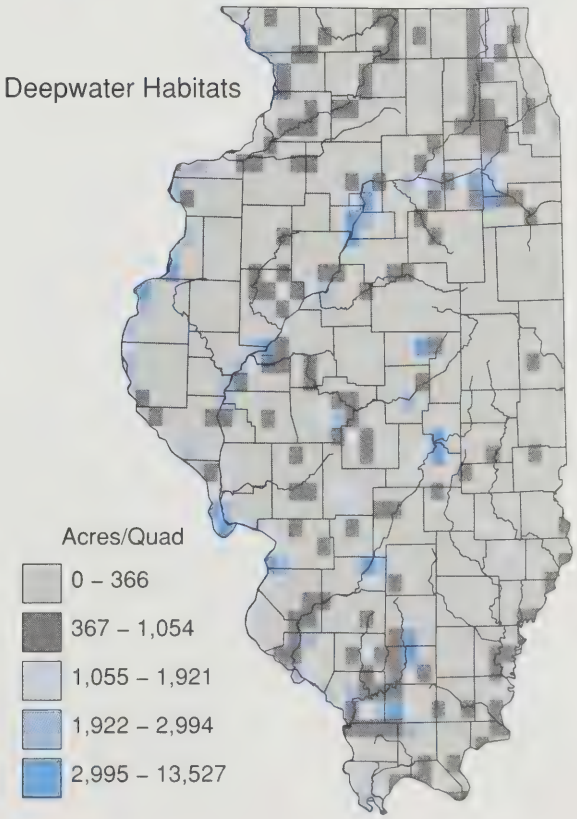

Shallow Lakes
Acres/Quad
0 – 807
808 – 1,697
1,698 – 3,653
3,654 – 5,687
5,688 – 7,741

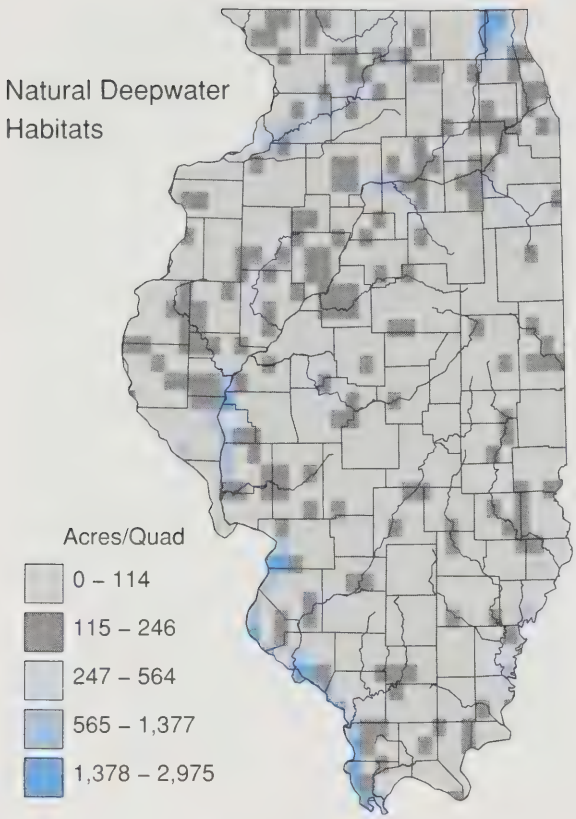

Lake Shore
Acres/Quad
0 – 35
36 – 78
79 – 286
287 – 304
305 – 575

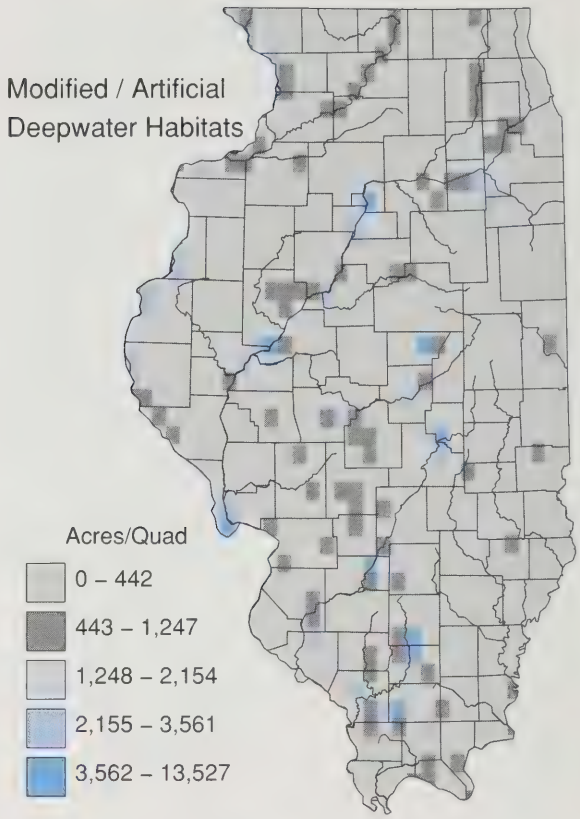

Emergent Lakes
Acres/Quad
0 – 56
57 – 67
68 – 71
72 – 131
132 – 328

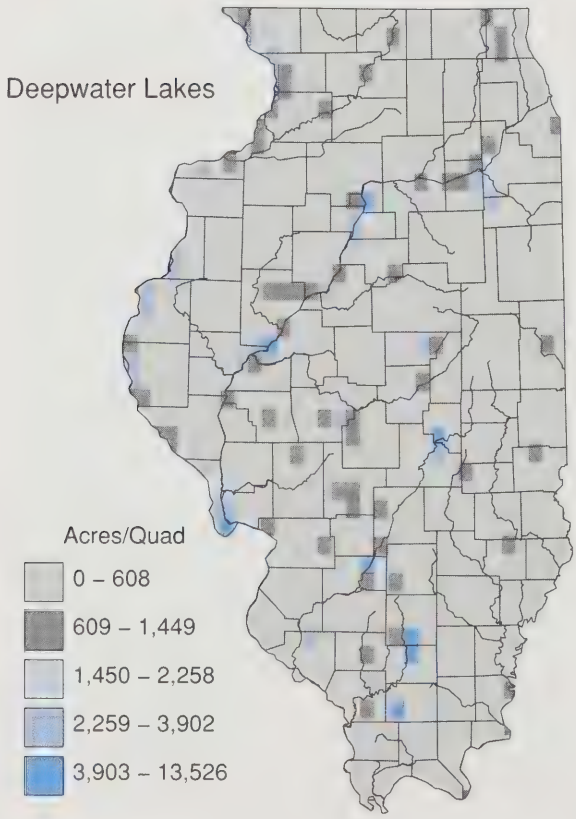

Perennial Rivers
Acres/Quad
0 – 16
17 – 35
36 – 57
58 – 103
104 – 275

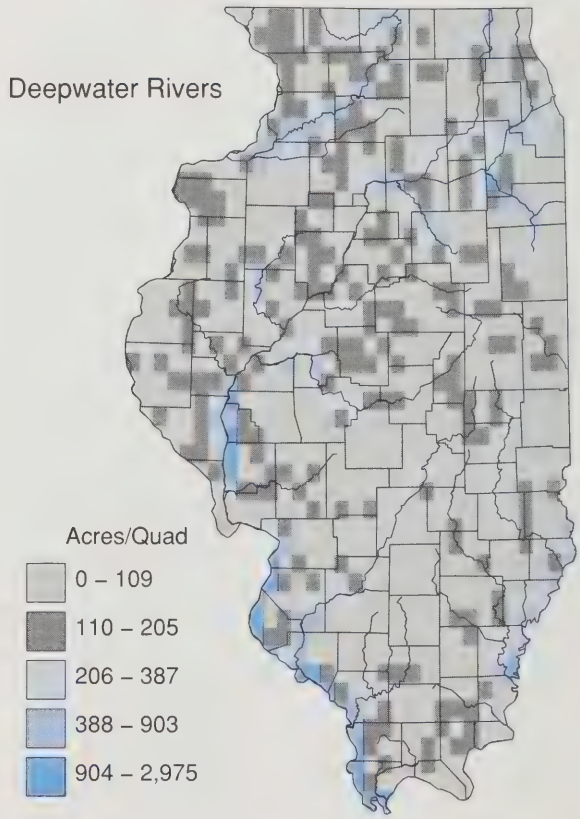

Intermittent Rivers
Acres/Quad
0 – 25
26 – 40
41 – 53
54 – 76
77 – 177


Deepwater Habitats
Acres/Quad
0 – 366
367 – 1,054
1,055 – 1,921
1,922 – 2,994
2,995 – 13,527


Natural Deepwater Habitats
Acres/Quad
0 – 114
115 – 246
247 – 564
565 – 1,377
1,378 – 2,975


Modified / Artificial Deepwater Habitats
Acres/Quad
0 – 442
443 – 1,247
1,248 – 2,154
2,155 – 3,561
3,562 – 13,527

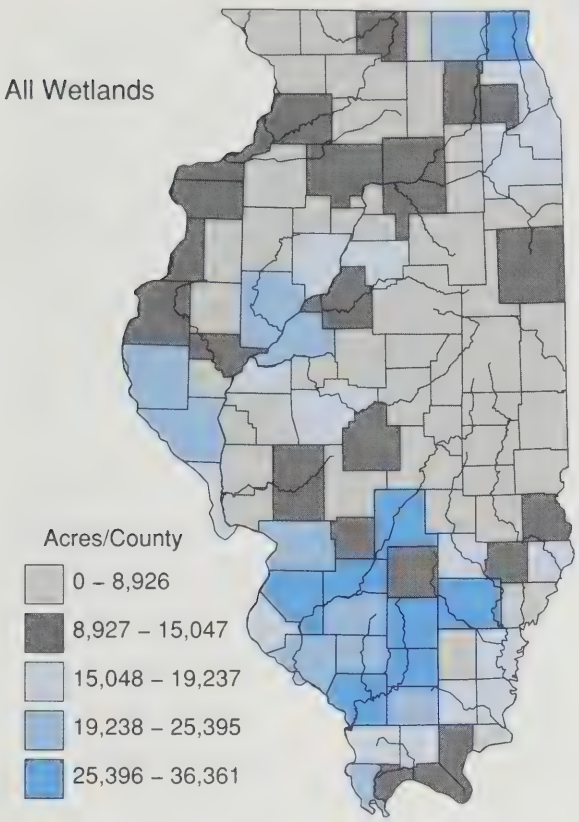

Deepwater Lakes
Acres/Quad
0 – 608
609 – 1,449
1,450 – 2,258
2,259 – 3,902
3,903 – 13,526

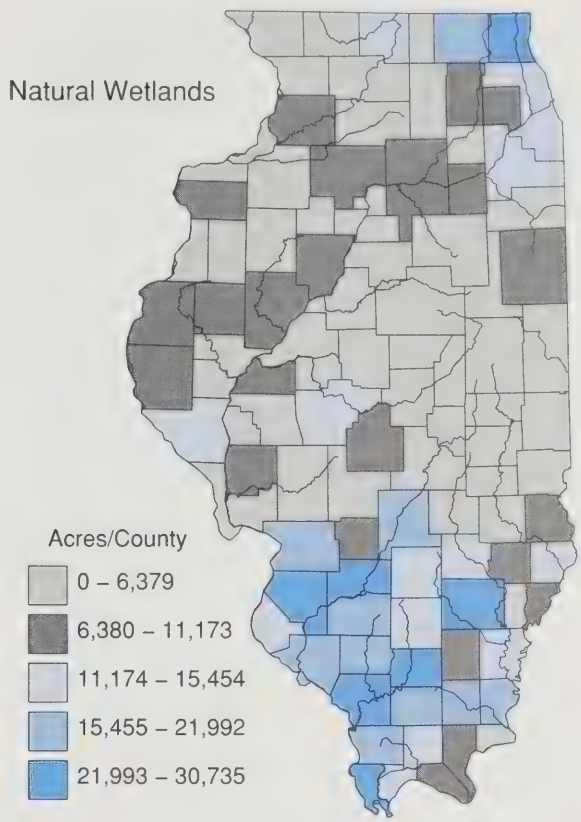

Deepwater Rivers
Acres/Quad
0 – 109
110 – 205
206 – 387
388 – 903
904 – 2,975

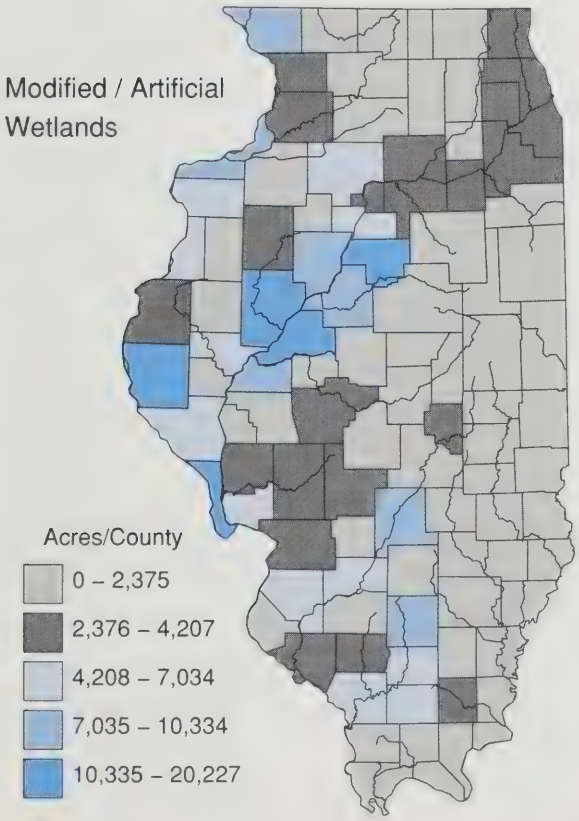
APPENDIX B

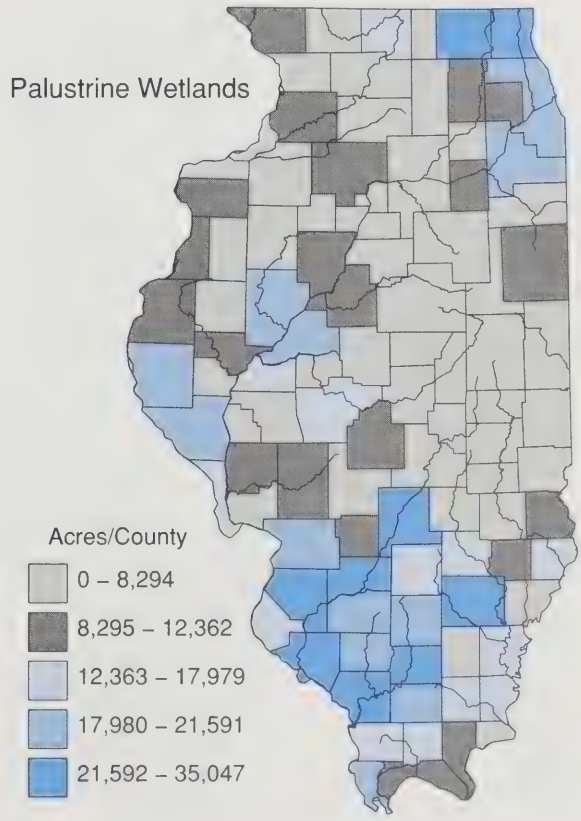
Distribution of Illinois wetlands and deepwater habitats by county, 1980–1987

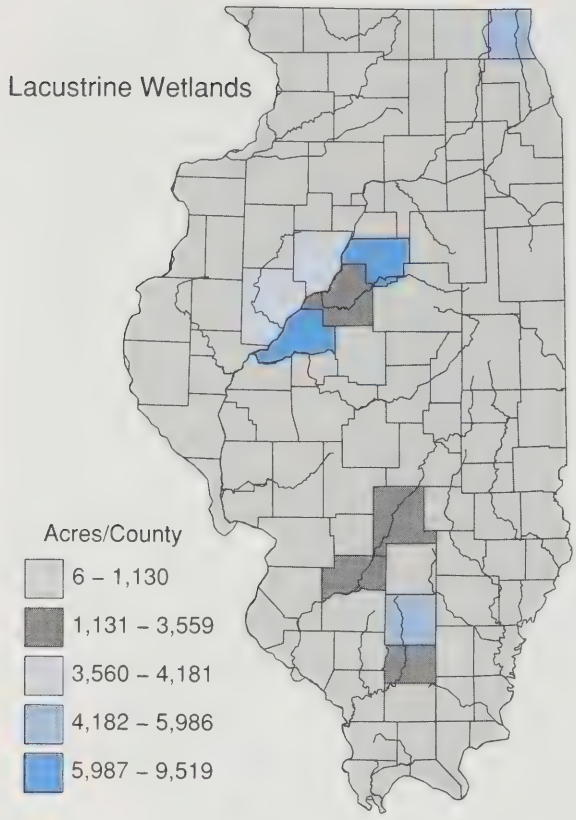
Illinois Counties
JO DAVIESS
STEPHENSON
WINNBAGO
BOONE
McHENRY
LAKE
CARROLL
OGLE
DE KALB
KANE
COOK
DU PAGE
WHITESIDE
LEE
KENDALL
WILL
HENRY
BUREAU
LA SALLE
GRUNDY
ROCK ISLAND
MERCER
PUTNAM
KANKAKEE
KNOX
STARK
LIVINGSTON
HENDERSON
WARREN
PEORIA
MARSHALL
IROQUOIS
WOODFORD
McLEAN
FULTON
HANCOCK
McDONOUGH
FORD
VERMILION
TAZEWELL
CHAMPAIGN
MASON
LOGAN
DE WITT
SCHUYLER
ADAMS
MENARD
MACON
CASS
BROWN
MORGAN
SANGAMON
PIATT
DOUGLAS
EDGAR
PIKE
MOULTRIE
COLES
SCOTT
GREENE
MACOUPIN
CHRISTIAN
CLARK
CALHOUN
MONTGOMERY
CUMBERLAND
SHELBY
JERSEY
FAYETTE
JASPER
MADISON
BOND
EFFINGHAM
CRAWFORD
MARION
RICHLAND
LAWRENCE
CLINTON
CLAY
ST. CLAIR
WAYNE
EDWARDS
WABASH
JEFFERSON
MONROE
WASHINGTON
HAMILTON
WHITE
RANDOLPH
FRANKLIN
PERRY
JACKSON
SALINE
GALLATIN
WILLIAMSON
UNION
JOHNSON
POPE
HARDIN
ALEXANDER
PULASKI
MASSAC

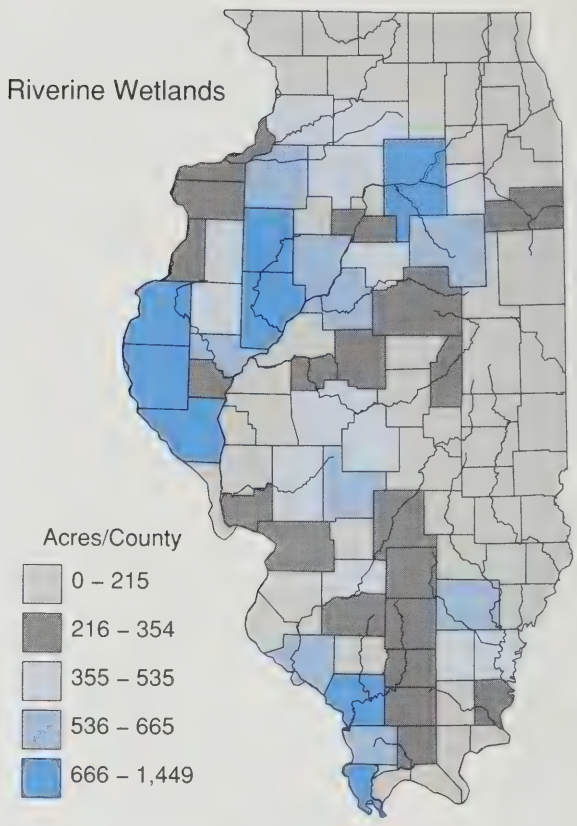

All Wetlands
Acres/County
0 – 8,926
8,927 – 15,047
15,048 – 19,237
19,238 – 25,395
25,396 – 36,361

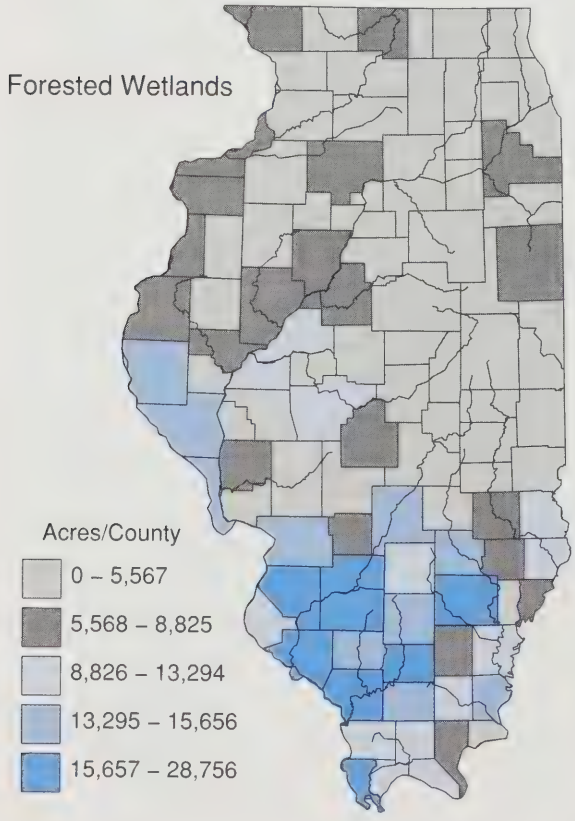

Natural Wetlands
Acres/County
0 – 6,379
6,380 – 11,173
11,174 – 15,454
15,455 – 21,992
21,993 – 30,735

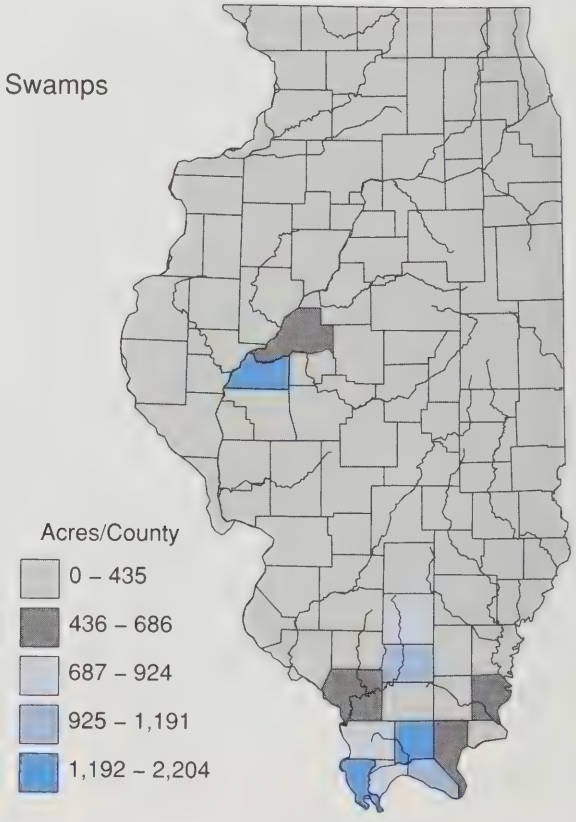

Modified / Artificial Wetlands
Acres/County
0 – 2,375
2,376 – 4,207
4,208 – 7,034
7,035 – 10,334
10,335 – 20,227

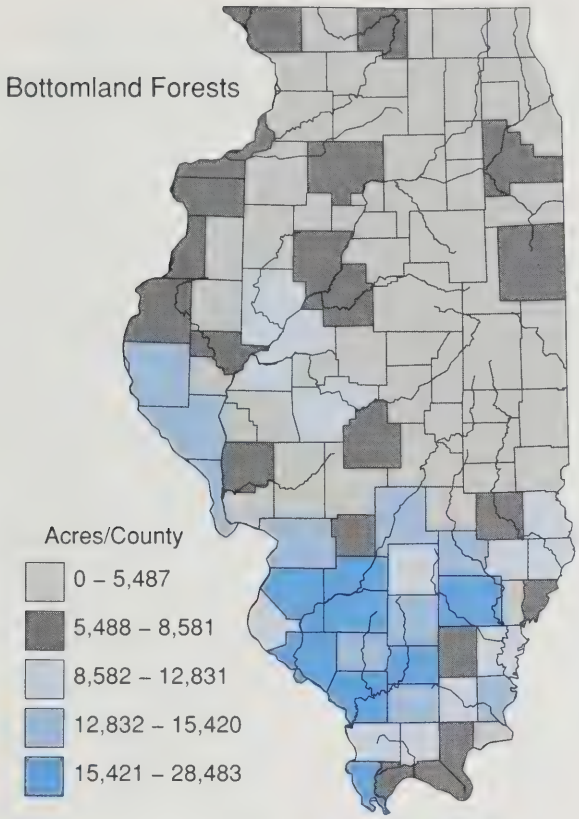

Palustrine Wetlands
Acres/County
0 – 8,294
8,295 – 12,362
12,363 – 17,979
17,980 – 21,591
21,592 – 35,047

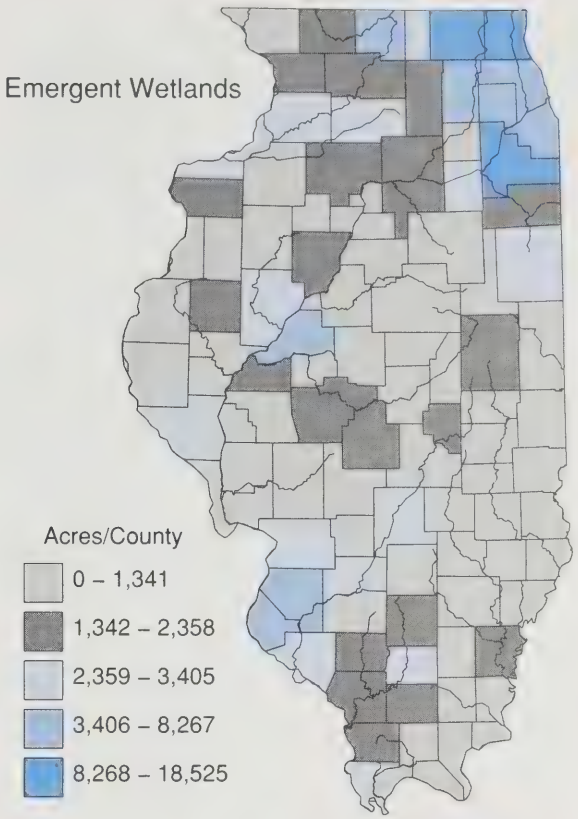

Lacustrine Wetlands
Acres/County
6 – 1,130
1,131 – 3,559
3,560 – 4,181
4,182 – 5,986
5,987 – 9,519

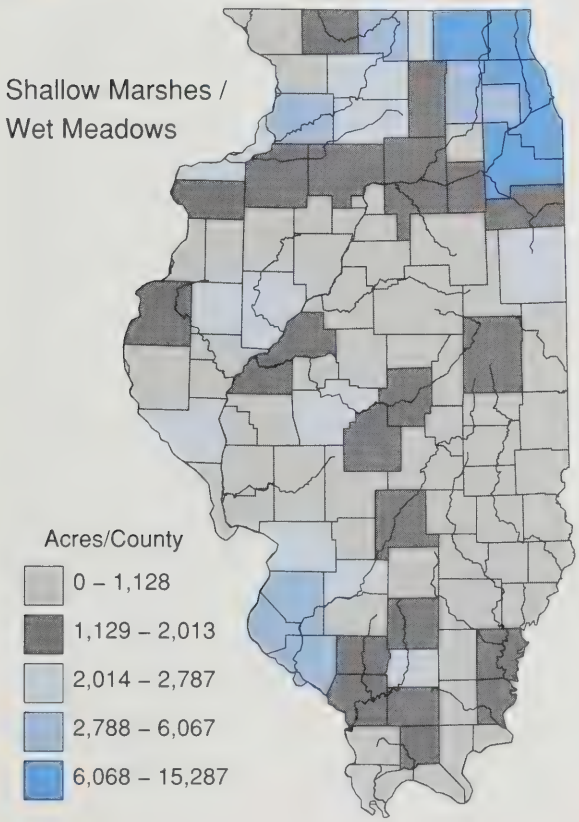

Riverine Wetlands
Acres/County
0 – 215
216 – 354
355 – 535
536 – 665
666 – 1,449

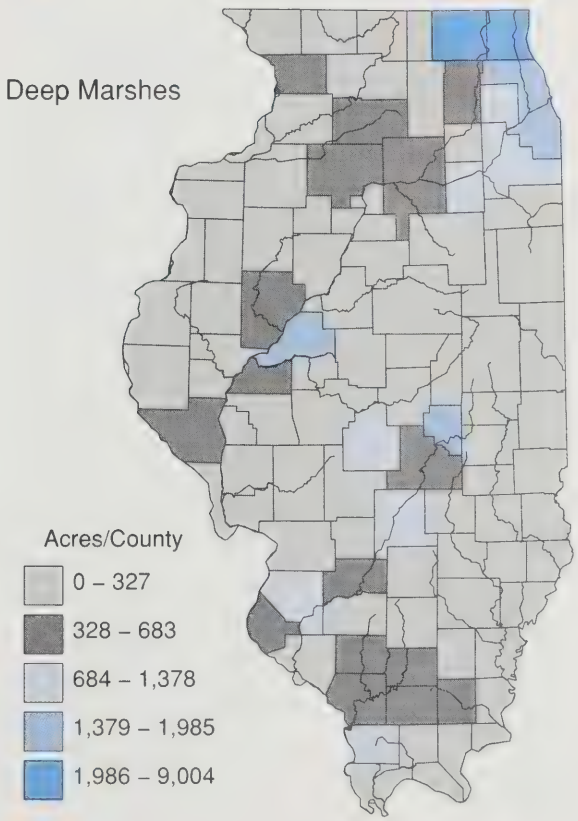

Forested Wetlands
Acres/County
0 – 5,567
5,568 – 8,825
8,826 – 13,294
13,295 – 15,656
15,657 – 28,756

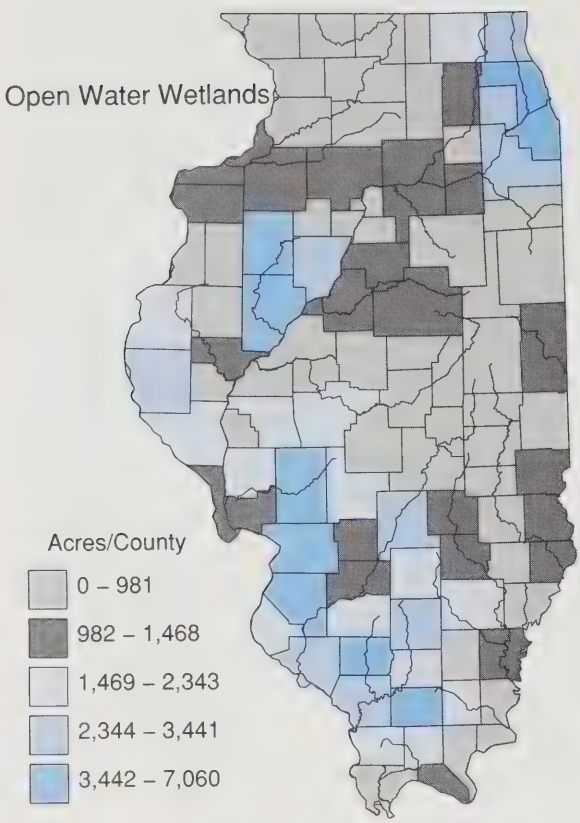

Swamps
Acres/County
0 – 435
436 – 686
687 – 924
925 – 1,191
1,192 – 2,204

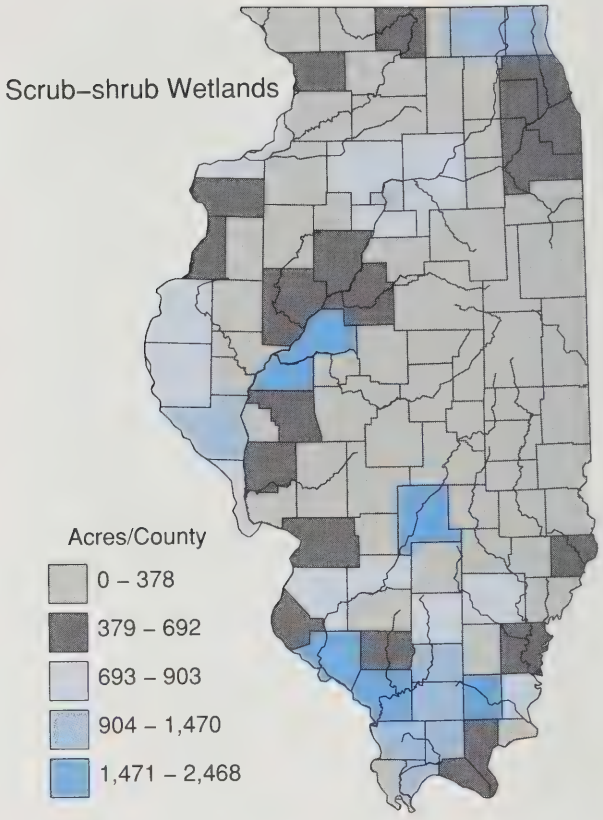

Bottomland Forests
Acres/County
0 – 5,487
5,488 – 8,581
8,582 – 12,831
12,832 – 15,420
15,421 – 28,483

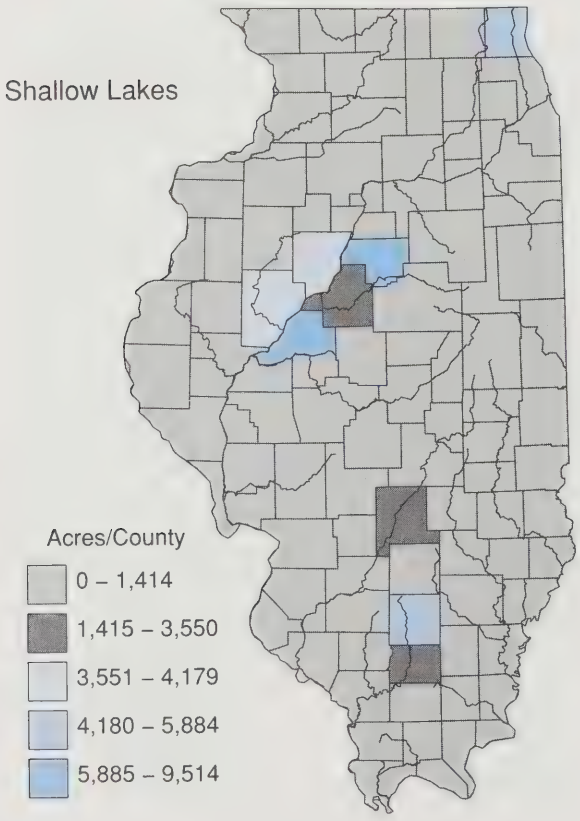

Emergent Wetlands
Acres/County
0 – 1,341
1,342 – 2,358
2,359 – 3,405
3,406 – 8,267
8,268 – 18,525

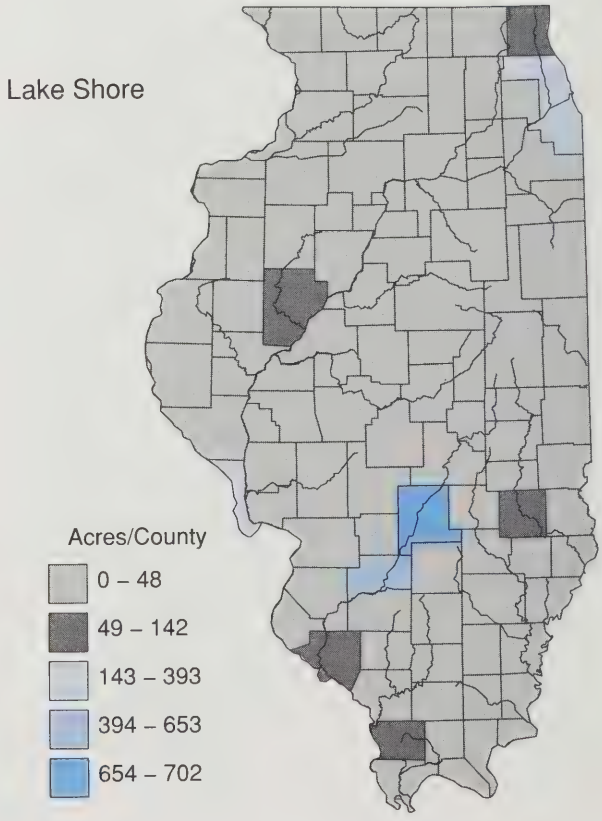

Shallow Marshes /
Wet Meadows
Acres/County
0 – 1,128
1,129 – 2,013
2,014 – 2,787
2,788 – 6,067
6,068 – 15,287

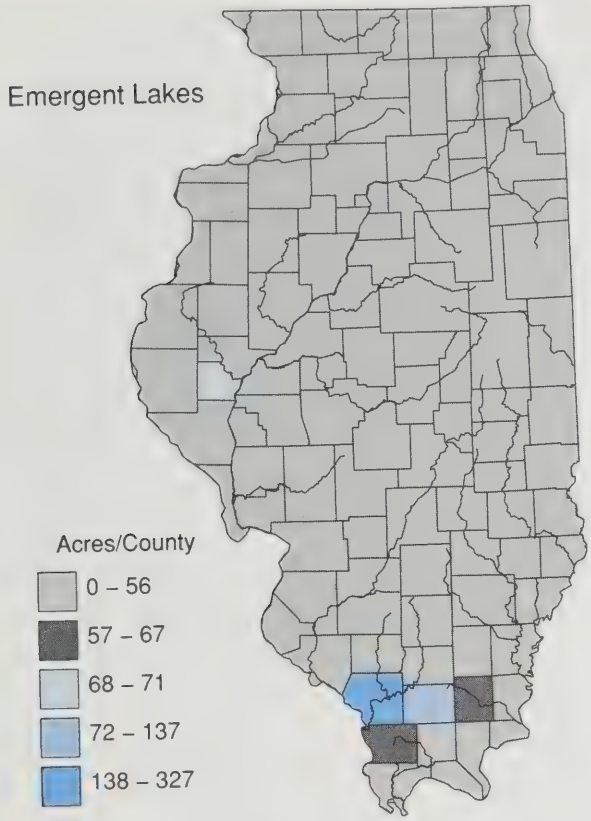

Deep Marshes
Acres/County
0 – 327
328 – 683
684 – 1,378
1,379 – 1,985
1,986 – 9,004

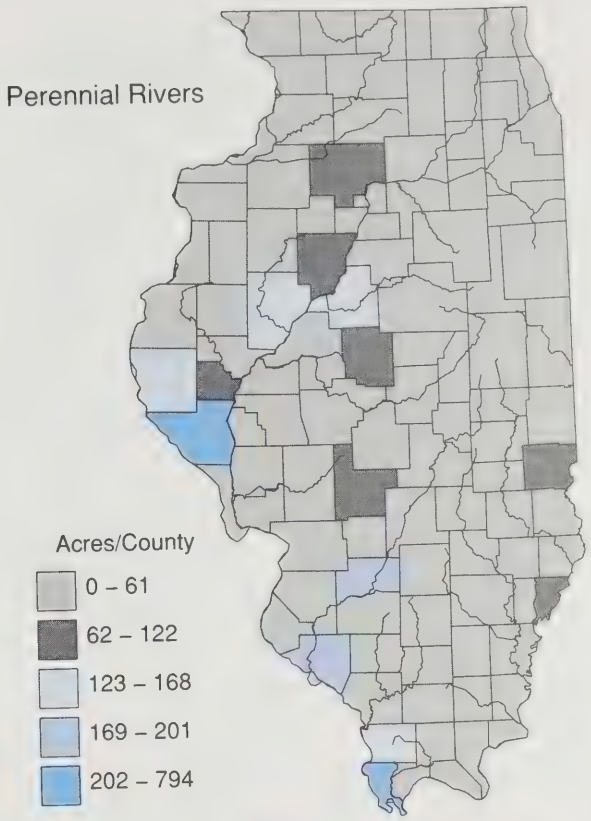

Open Water Wetlands
Acres/County
0 – 981
982 – 1,468
1,469 – 2,343
2,344 – 3,441
3,442 – 7,060

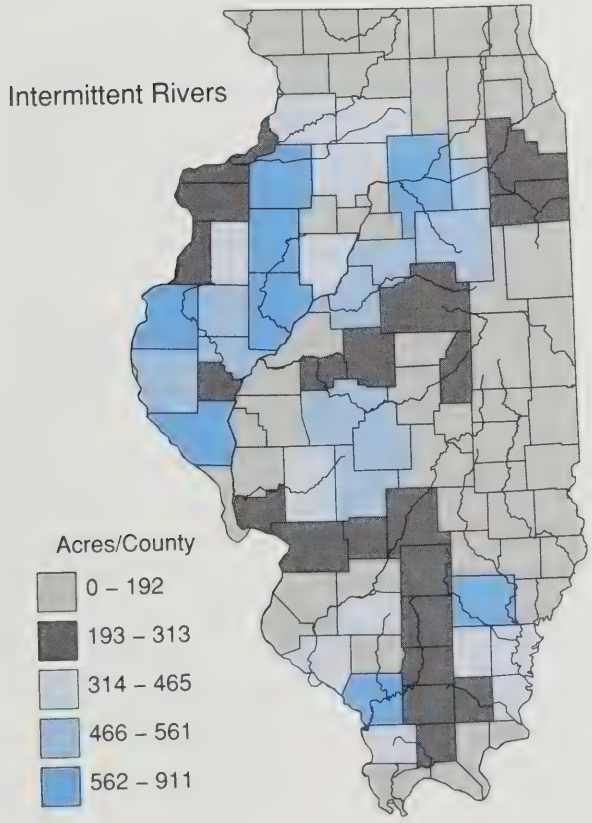

Scrub–shrub Wetlands
Acres/County
0 – 378
379 – 692
693 – 903
904 – 1,470
1,471 – 2,468

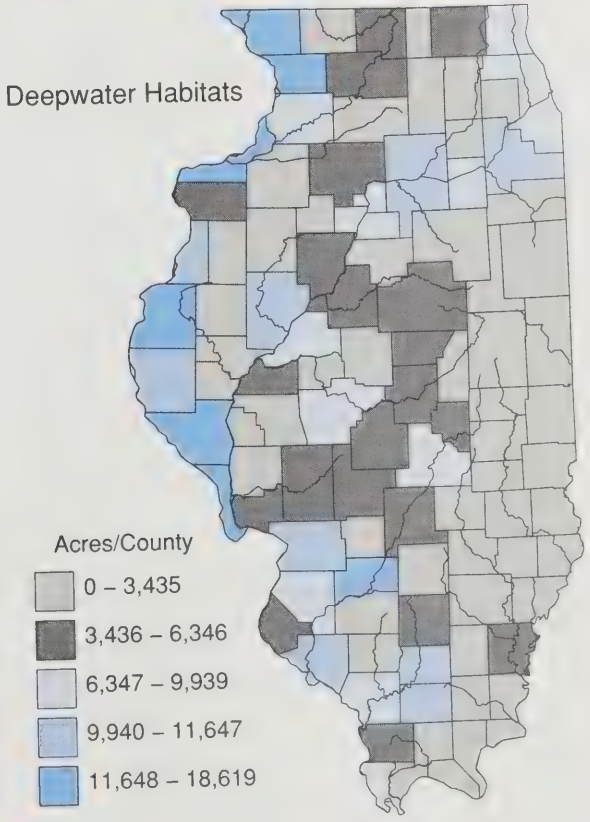

Shallow Lakes
Acres/County
0 – 1,414
1,415 – 3,550
3,551 – 4,179
4,180 – 5,884
5,885 – 9,514

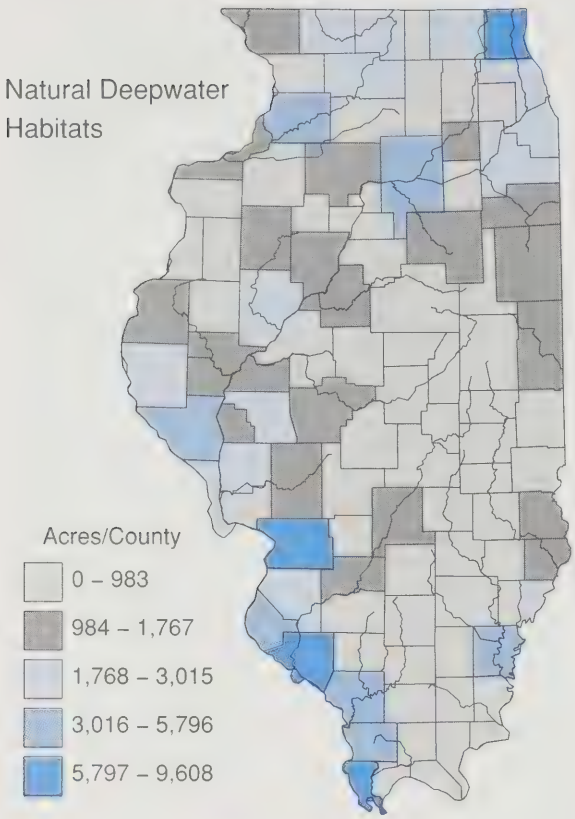

Lake Shore
Acres/County
0 – 48
49 – 142
143 – 393
394 – 653
654 – 702

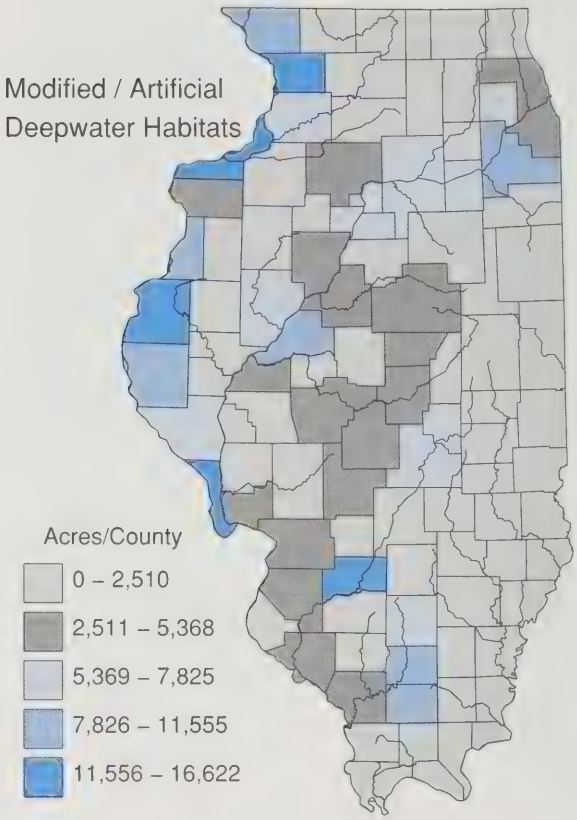

Emergent Lakes
Acres/County
0 – 56
57 – 67
68 – 71
72 – 137
138 – 327

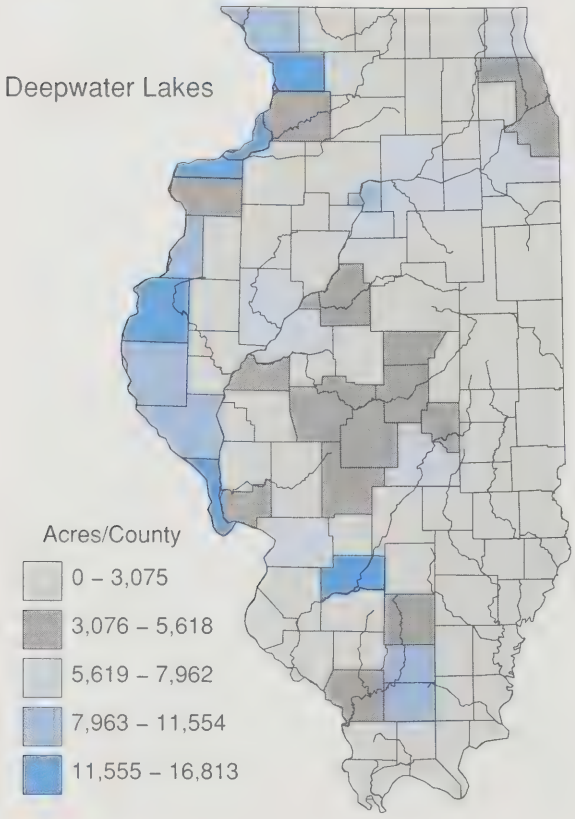

Perennial Rivers
Acres/County
0 – 61
62 – 122
123 – 168
169 – 201
202 – 794

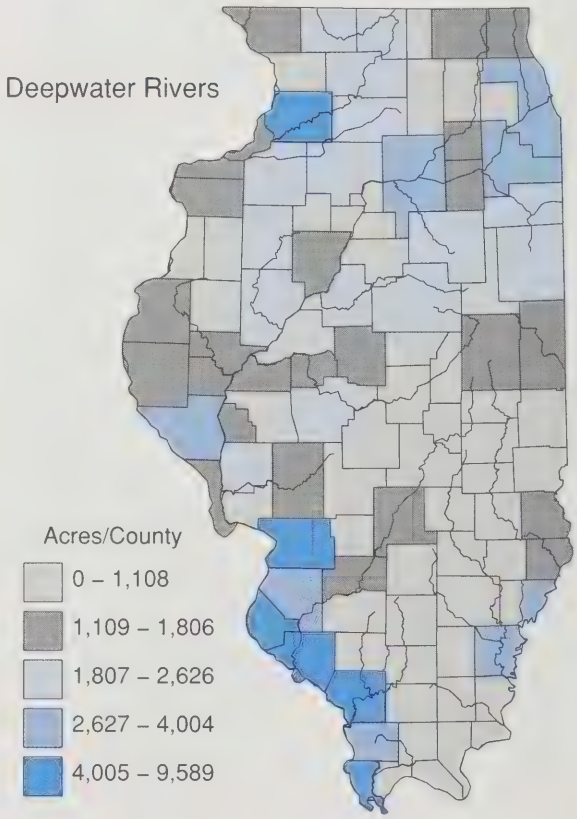

Intermittent Rivers
Acres/County
0 – 192
193 – 313
314 – 465
466 – 561
562 – 911


Deepwater Habitats
Acres/County
0 – 3,435
3,436 – 6,346
6,347 – 9,939
9,940 – 11,647
11,648 – 18,619


Natural Deepwater Habitats
Acres/County
0 – 983
984 – 1,767
1,768 – 3,015
3,016 – 5,796
5,797 – 9,608


Modified / Artificial Deepwater Habitats
Acres/County
0 – 2,510
2,511 – 5,368
5,369 – 7,825
7,826 – 11,555
11,556 – 16,622

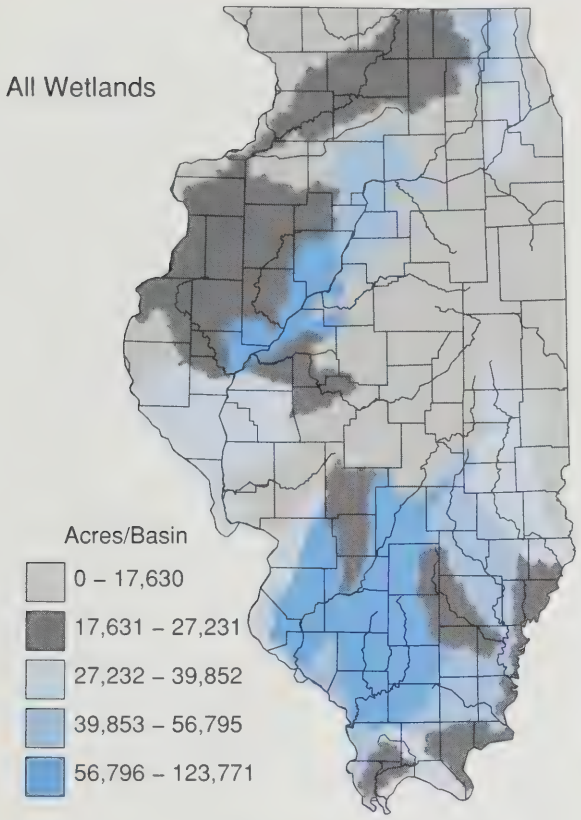

Deepwater Lakes
Acres/County
0 – 3,075
3,076 – 5,618
5,619 – 7,962
7,963 – 11,554
11,555 – 16,813

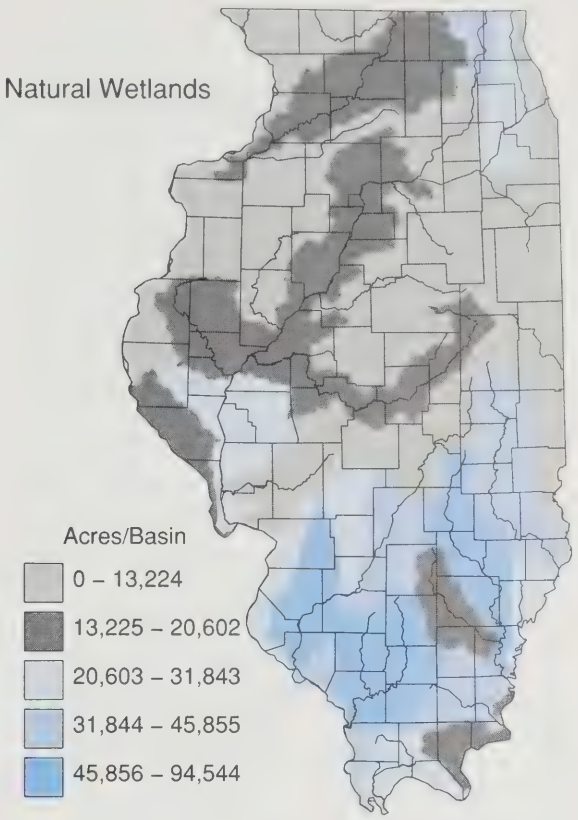

Deepwater Rivers
Acres/County
0 – 1,108
1,109 – 1,806
1,807 – 2,626
2,627 – 4,004
4,005 – 9,589

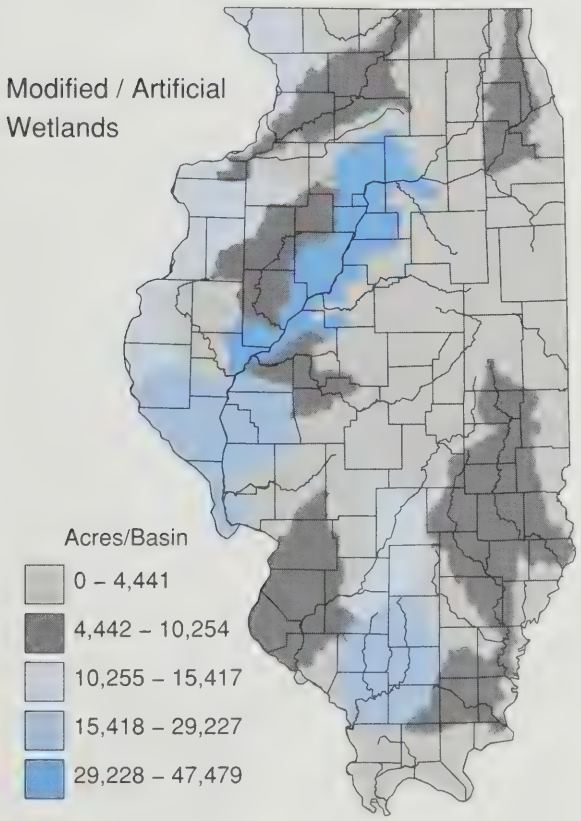
APPENDIX C

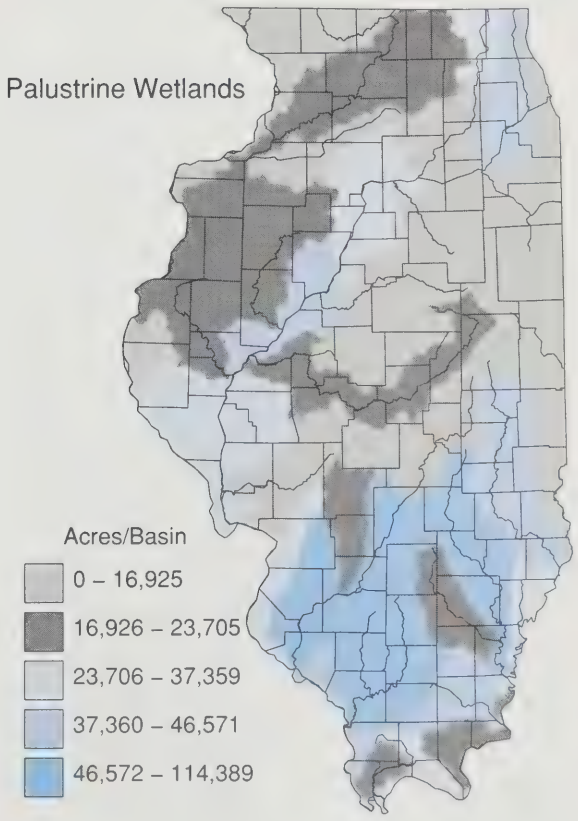
Distribution of Illinois wetlands and deepwater habitats by hydrologic basin, 1980–1987

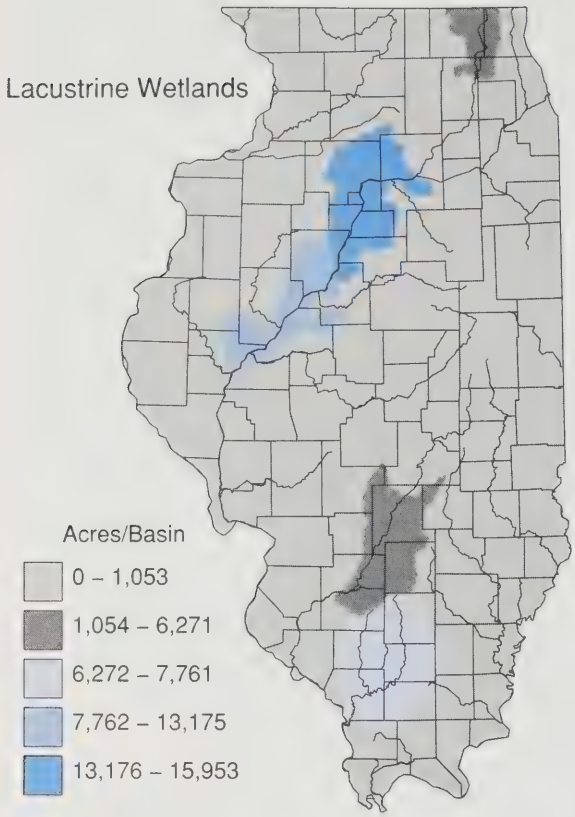
Hydrologic Basins for Illinois
SUGAR CREEK
ROCK R TRIBS
PECATONICA R
MISS. R TRIBS
KISHWAUKEE R
UPPER FOX R
LAKE FRONT
ROCK R
DES PLAINES R
LAKE FRONT
CALUMET R
MISS R TRIBS
LOWER FOX R
CHICAGO R/ CANALS
GREEN R
ILLINOIS R
ILLINOIS R
KANKAKEE R
MISS. R TRIBS
VERMILION R
SPOON R
IROQUOIS R
MACKINAW R
ILLINOIS R
LAMOINE R
VERMILION R
SALT FORK SANGAMON R
MISS. R TRIBS
LOWER SANGAMON R
LITTLE VERMILION R
UPPER SANGAMON R
ILLINOIS R
UPPER KASKASKIA R
MISS. R TRIBS
SOUTH FORK SANGAMON R
WABASH R TRIBS
EMBARRAS R
MACOUPIN CREEK
SHOAL CREEK
MISS R TRIBS
MIDDLE KASKASKIA R
LITTLE WABASH R
MISS R TRIBS
WABASH R TRIBS
LOWER KASKASKIA R
SKILLET FORK
BIG MUDDY R
MISS R TRIBS
SALINE R
OHIO R TRIBS
OHIO R TRIBS
(Tribs = tributaries)
LOWER CACHE R
UPPER CACHE R

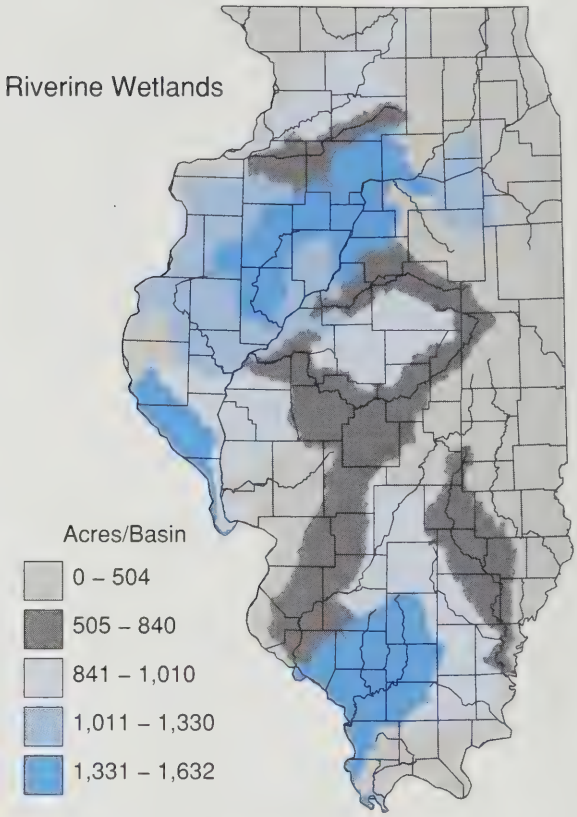

All Wetlands
Acres/Basin
0 – 17,630
17,631 – 27,231
27,232 – 39,852
39,853 – 56,795
56,796 – 123,771

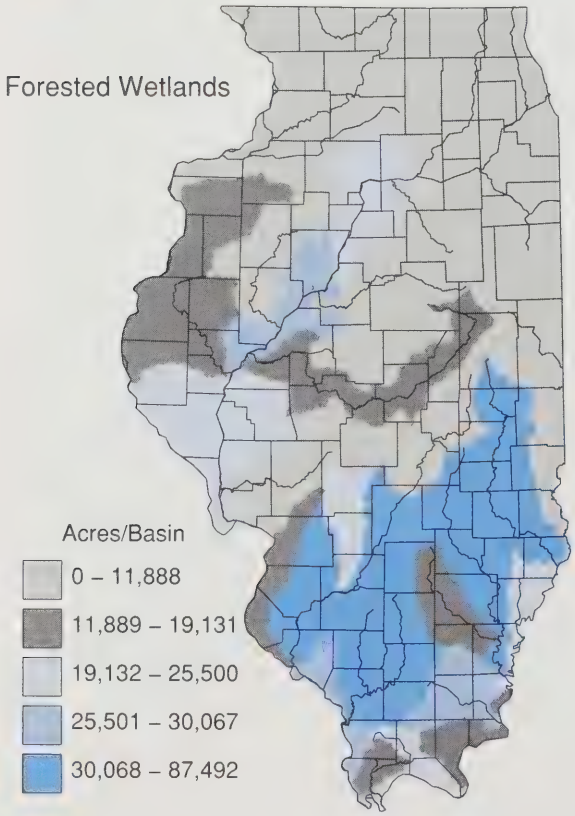

Natural Wetlands
Acres/Basin
0 – 13,224
13,225 – 20,602
20,603 – 31,843
31,844 – 45,855
45,856 – 94,544

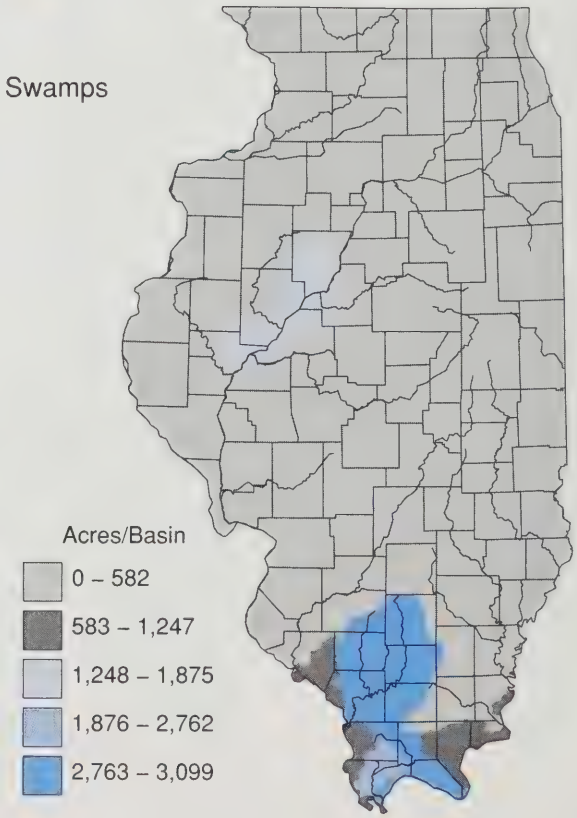

Modified / Artificial Wetlands
Acres/Basin
0 – 4,441
4,442 – 10,254
10,255 – 15,417
15,418 – 29,227
29,228 – 47,479

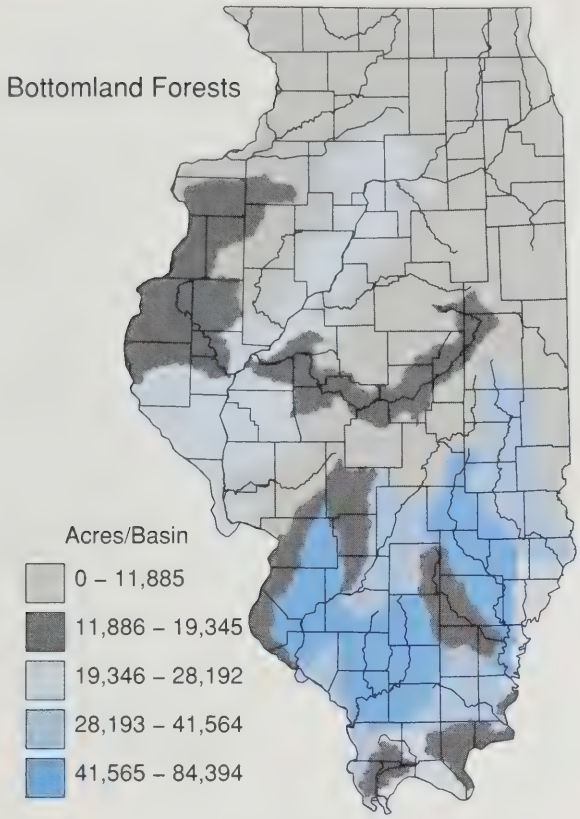

Palustrine Wetlands
Acres/Basin
0 – 16,925
16,926 – 23,705
23,706 – 37,359
37,360 – 46,571
46,572 – 114,389

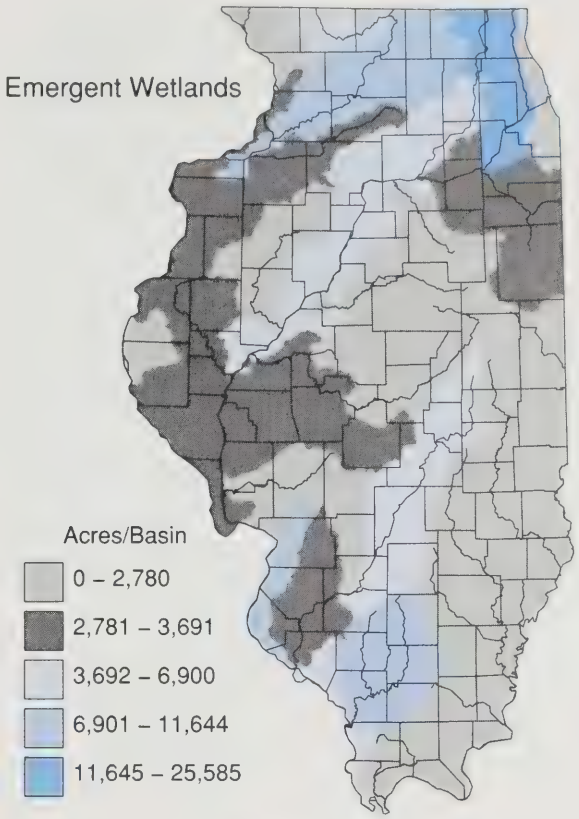

Lacustrine Wetlands
Acres/Basin
0 – 1,053
1,054 – 6,271
6,272 – 7,761
7,762 – 13,175
13,176 – 15,953

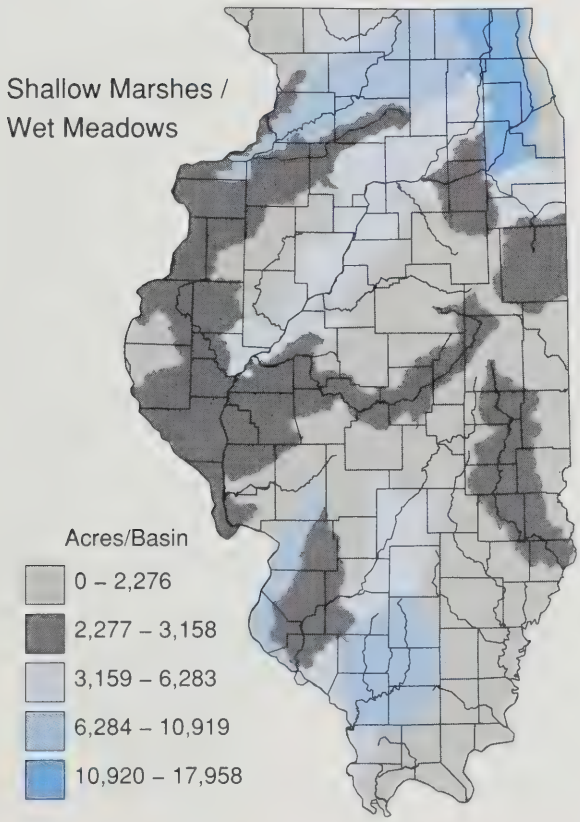

Riverine Wetlands
Acres/Basin
0 – 504
505 – 840
841 – 1,010
1,011 – 1,330
1,331 – 1,632

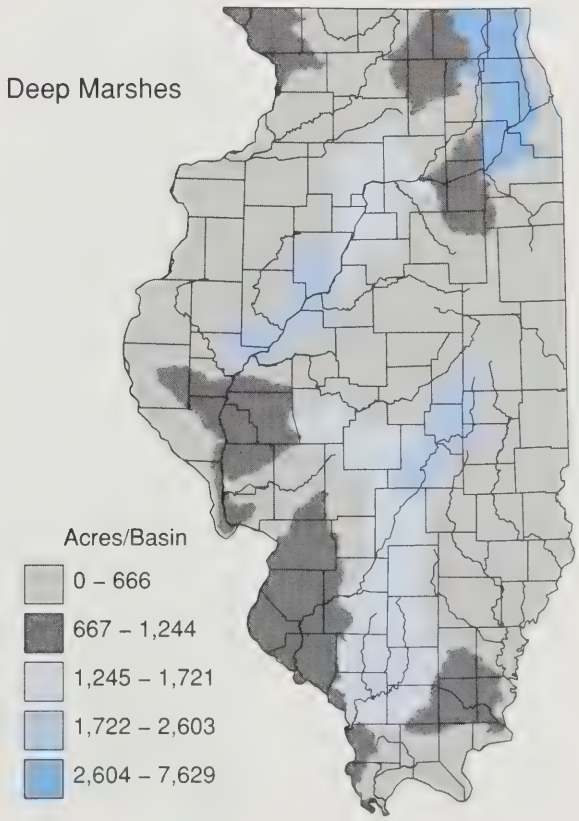

Forested Wetlands
Acres/Basin
0 – 11,888
11,889 – 19,131
19,132 – 25,500
25,501 – 30,067
30,068 – 87,492

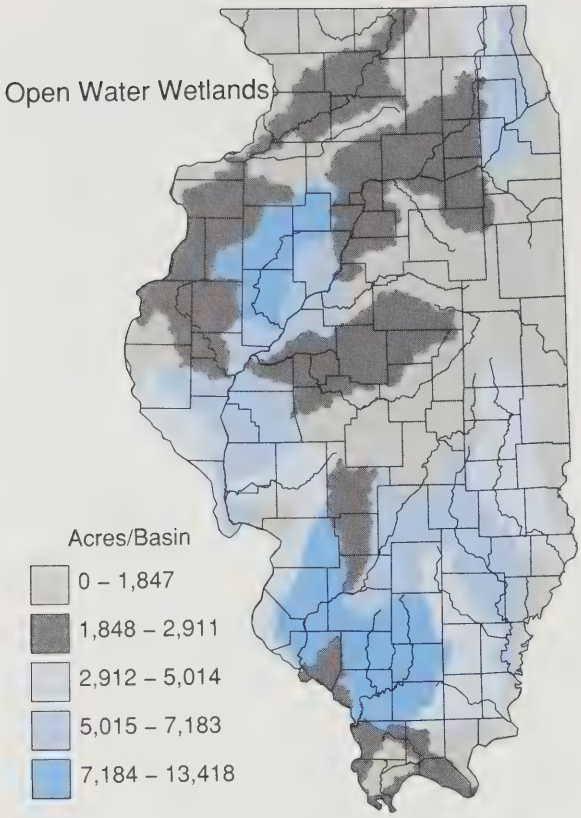

Swamps
Acres/Basin
0 – 582
583 – 1,247
1,248 – 1,875
1,876 – 2,762
2,763 – 3,099

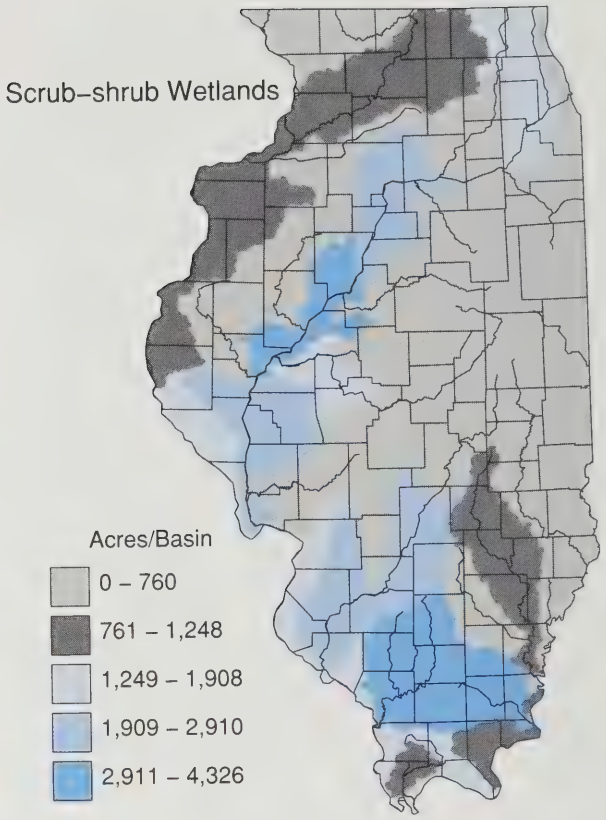

Bottomland Forests
Acres/Basin
0 – 11,885
11,886 – 19,345
19,346 – 28,192
28,193 – 41,564
41,565 – 84,394

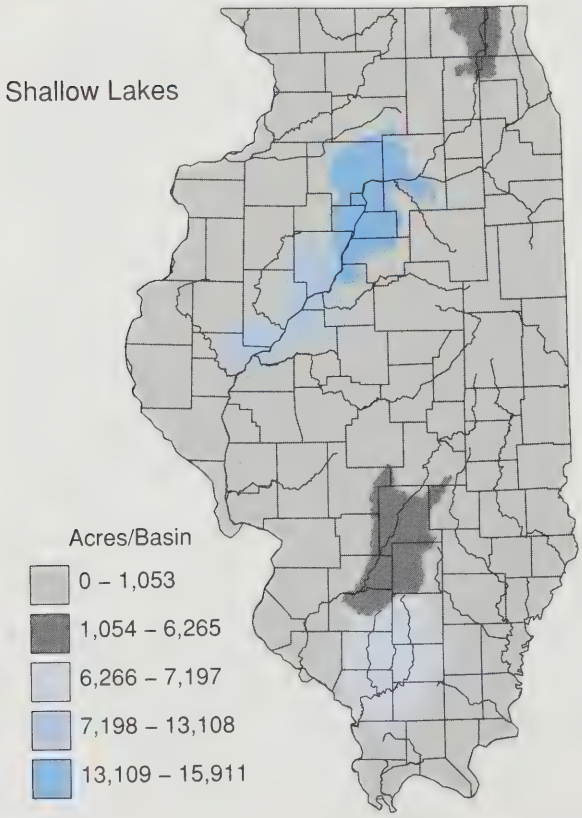

Emergent Wetlands
Acres/Basin
0 – 2,780
2,781 – 3,691
3,692 – 6,900
6,901 – 11,644
11,645 – 25,585

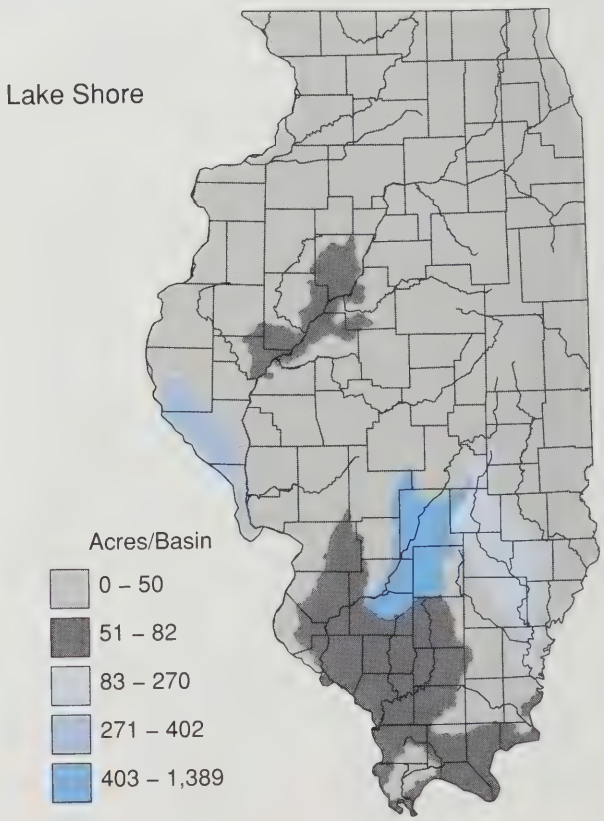

Shallow Marshes /
Wet Meadows
Acres/Basin
0 – 2,276
2,277 – 3,158
3,159 – 6,283
6,284 – 10,919
10,920 – 17,958

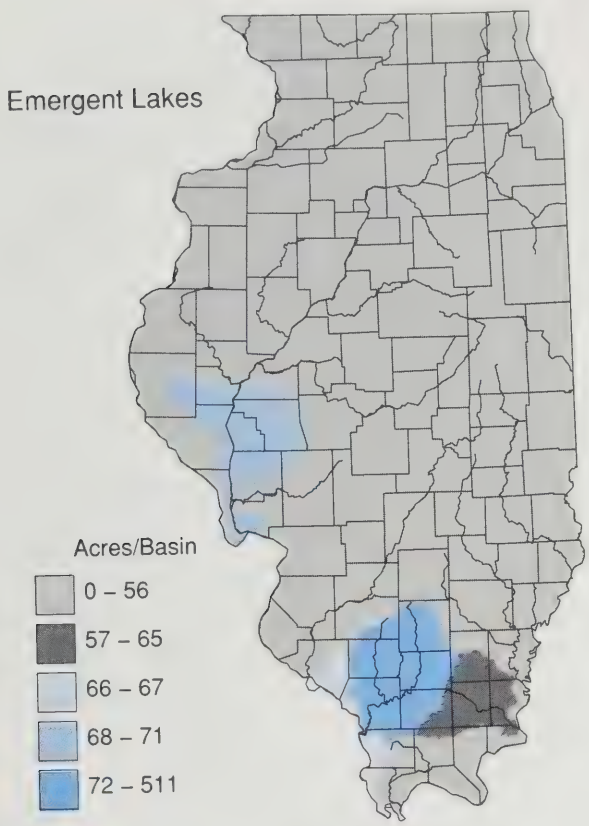

Deep Marshes
Acres/Basin
0 – 666
667 – 1,244
1,245 – 1,721
1,722 – 2,603
2,604 – 7,629

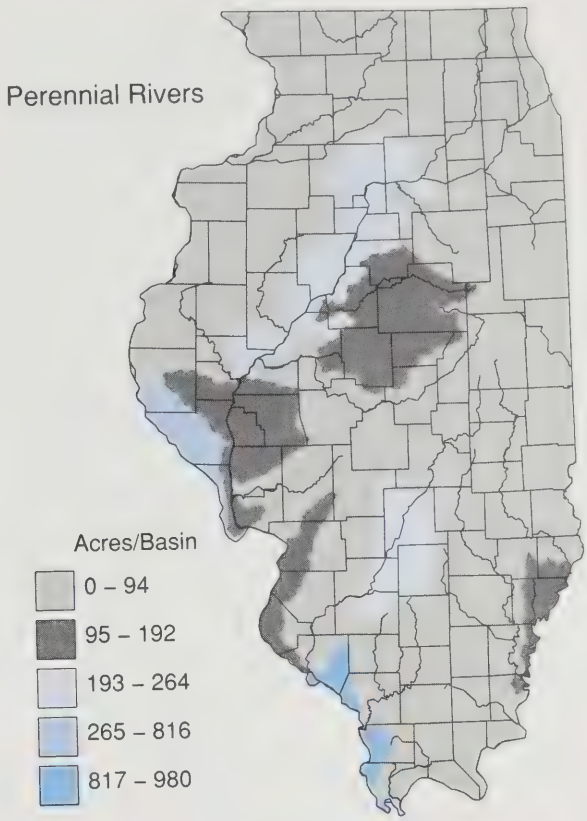

Open Water Wetlands
Acres/Basin
0 – 1,847
1,848 – 2,911
2,912 – 5,014
5,015 – 7,183
7,184 – 13,418

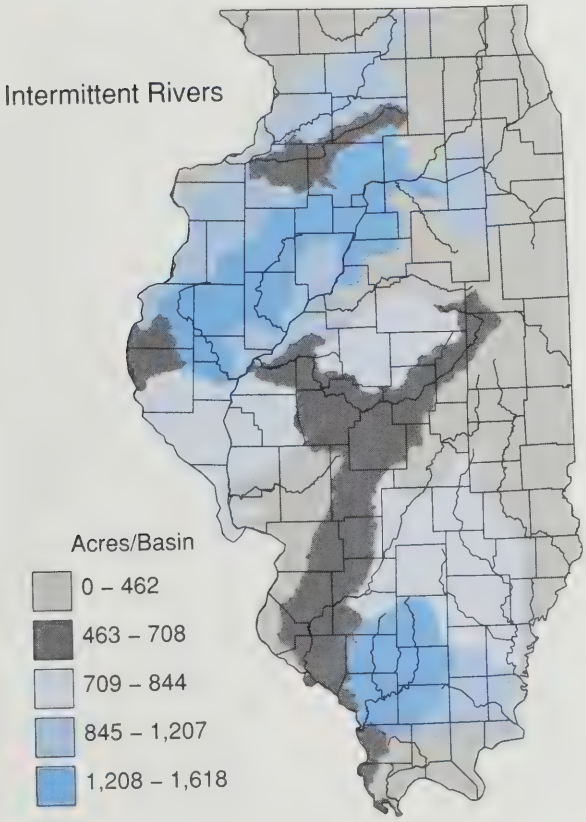

Scrub–shrub Wetlands
Acres/Basin
0 – 760
761 – 1,248
1,249 – 1,908
1,909 – 2,910
2,911 – 4,326

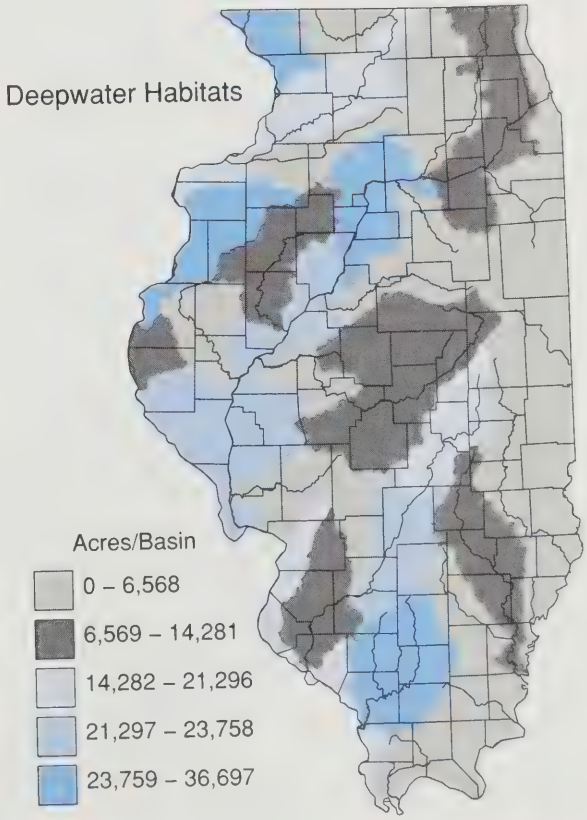

Shallow Lakes
Acres/Basin
0 – 1,053
1,054 – 6,265
6,266 – 7,197
7,198 – 13,108
13,109 – 15,911

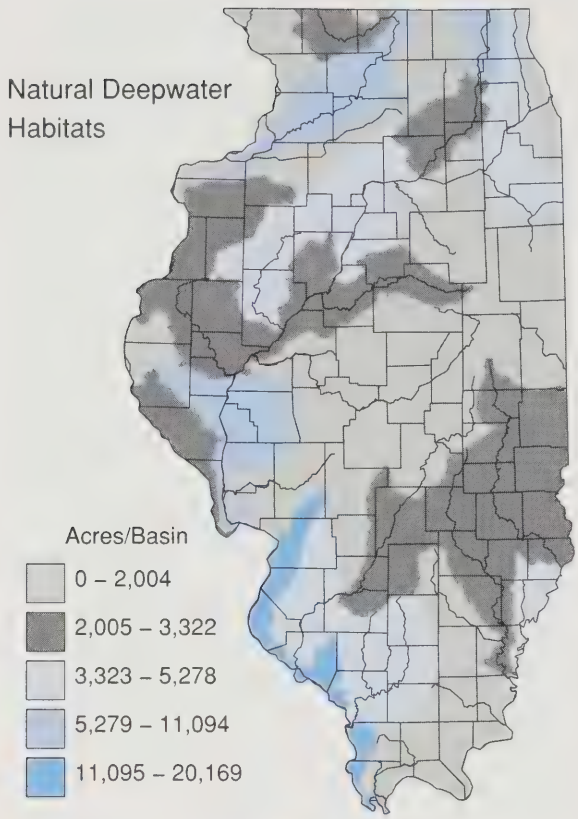

Lake Shore
Acres/Basin
0 – 50
51 – 82
83 – 270
271 – 402
403 – 1,389

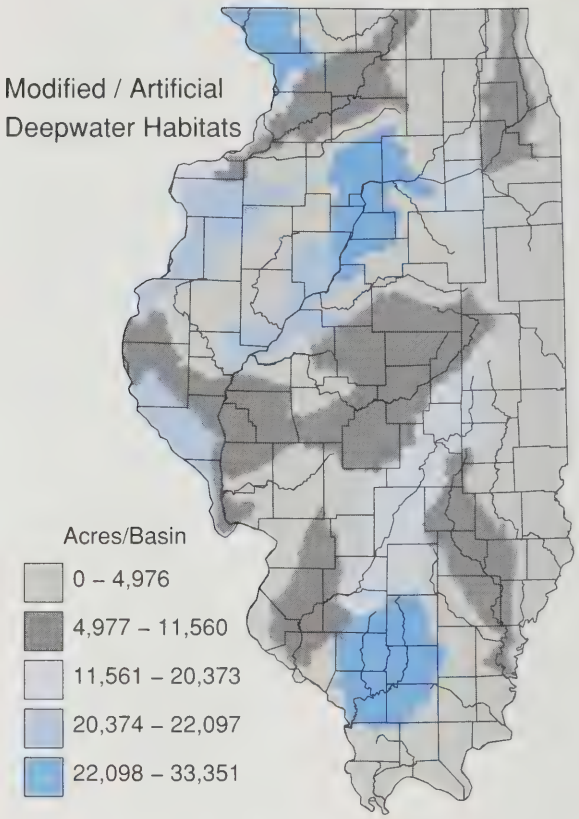

Emergent Lakes
Acres/Basin
0 – 56
57 – 65
66 – 67
68 – 71
72 – 511

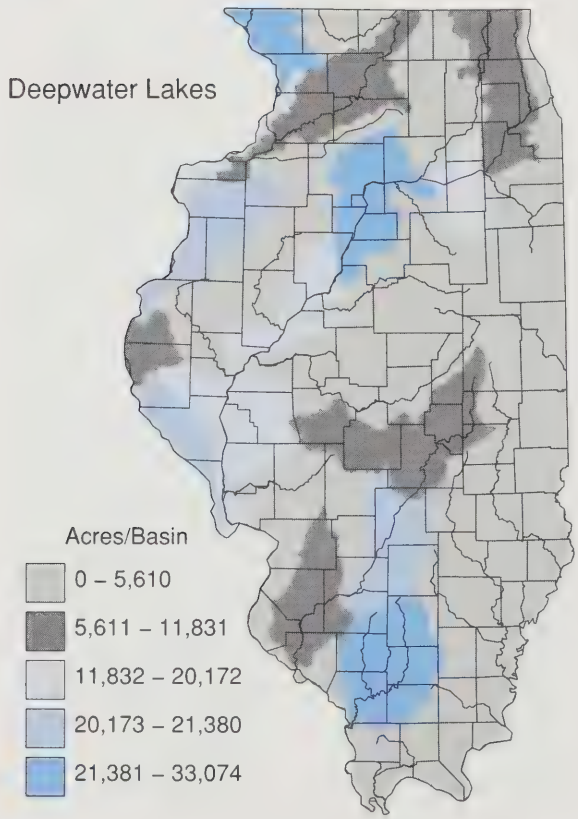

Perennial Rivers
Acres/Basin
0 – 94
95 – 192
193 – 264
265 – 816
817 – 980

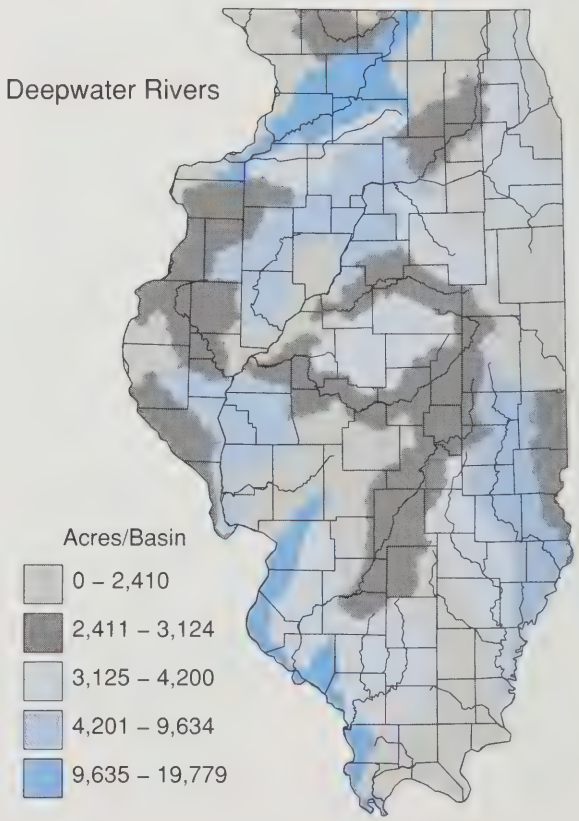

Intermittent Rivers
Acres/Basin
0 – 462
463 – 708
709 – 844
845 – 1,207
1,208 – 1,618


Deepwater Habitats
Acres/Basin
0 – 6,568
6,569 – 14,281
14,282 – 21,296
21,297 – 23,758
23,759 – 36,697


Natural Deepwater Habitats
Acres/Basin
0 – 2,004
2,005 – 3,322
3,323 – 5,278
5,279 – 11,094
11,095 – 20,169


Modified / Artificial Deepwater Habitats
Acres/Basin
0 – 4,976
4,977 – 11,560
11,561 – 20,373
20,374 – 22,097
22,098 – 33,351


Deepwater Lakes
Acres/Basin
0 – 5,610
5,611 – 11,831
11,832 – 20,172
20,173 – 21,380
21,381 – 33,074


Deepwater Rivers
Acres/Basin
0 – 2,410
2,411 – 3,124
3,125 – 4,200
4,201 – 9,634
9,635 – 19,779

APPENDIX D

Summary of data for Illinois wetlands by 7.5-minute quadrangle, 1980–1987

Table D1. Summary of Illinois wetlands data by 7.5-minute quadrangle, 1980–1987. Abbreviation and grid number are based on row and column position shown in the first figure in Appendix A.

			Acres			% of total		Rank				
								All	Wetland		Natural wetland	
Quadrangle	Abbr.	Grid no.	Total	Wetland	Natural wetland	Wetland	Natural wetland	Acres	Acres	%	Acres	%
Abingdon	ABI	1510	35,816	341	233	1.0	0.7	612	767	796	741	755
Adair	ADA	1810	36,000	345	240	1.0	0.7	530	766	793	731	747
Addieville	ADD	3418	37,017	4,690	4,531	12.7	12.2	122	30	78	20	53
Akin	AKI	3824	37,278	1,079	851	2.9	2.3	52	364	418	329	373
Albion North	ALB	3429	37,017	502	209	1.4	0.6	116	651	695	774	799
Albion NW	ALB	3428	37,017	6,746	6,601	18.2	17.8	118	13	44	6	23
Albion South	ALB	3529	37,082	763	434	2.1	1.2	104	492	536	556	586
Aledo East	ALE	1208	35,631	748	618	2.1	1.7	685	502	529	439	461
Aledo West	ALE	1207	35,629	514	388	1.4	1.1	703	641	674	591	611
Alexander	ALE	2413	36,377	162	63	0.5	0.2	342	940	964	977	995
Alexis	ALE	1309	35,694	274	208	0.8	0.6	654	828	847	775	791
Allerton	ALL	2230	36,250	6	1	0.0	0.0	412	1062	1071	1060	1072
Alsey	ALS	2510	36,440	626	458	1.7	1.3	328	575	614	534	562
Altamont East	ALT	2924	36,695	627	461	1.7	1.3	211	573	617	532	563
Altamont West	ALT	2923	36,693	469	257	1.3	0.7	231	676	713	718	737
Altenburg	ALT	4017	14,907	1,991	1,924	13.4	12.9	1002	181	70	122	46
Alton	ALT	3012	32,416	956	605	2.9	1.9	931	405	411	444	429
Ambia	AMB	1833	28,192	133	111	0.5	0.4	949	968	952	909	892
Amboy	AMB	819	35,386	1,363	1,147	3.9	3.2	797	289	330	241	271
Ames	AME	3613	37,147	934	593	2.5	1.6	82	413	461	456	491
Andalusia	AND	1008	24,008	2,373	785	9.9	3.3	971	138	116	353	268
Andover	AND	1111	35,570	121	84	0.3	0.2	713	982	995	947	962
Anna	ANN	4220	37,542	921	478	2.4	1.3	10	417	474	525	559
Annada	ANN	2707	16,799	3,712	1,186	22.1	7.1	996	64	32	234	116
Annapolis	ANN	2831	36,631	712	577	1.9	1.6	237	522	571	462	497
Annawan	ANN	1014	35,508	440	215	1.2	0.6	751	700	721	762	772
Antioch	ANT	229	33,777	4,369	3,975	12.9	11.8	918	39	73	30	58
Apple River	APP	113	2,227	0	0	0.0	0.0	1039	1071	1072	1062	1062
Appleton	APP	1412	35,754	628	175	1.8	0.5	641	572	600	822	836
Arcola	ARC	2427	36,380	383	304	1.1	0.8	332	737	769	659	685
Arenzville East	ARE	2211	36,252	201	82	0.6	0.2	395	902	923	951	968
Arenzville West	ARE	2210	36,250	512	352	1.4	1.0	414	642	680	618	643
Argenta	ARG	2223	36,249	1,370	996	3.8	2.8	417	287	337	285	321
Arlington Heights	ARL	530	35,205	678	550	1.9	1.6	854	547	574	482	499
Armington	ARM	1919	36,064	743	651	2.1	1.8	496	505	535	417	448
Arrowsmith	ARR	1824	36,003	50	29	0.1	0.1	514	1040	1052	1021	1041
Arthur	ART	2426	36,376	831	815	2.3	2.2	351	462	500	339	380
Ashburn	ASH	2504	10,363	2,047	658	19.8	6.4	1014	171	38	414	133
Ashland	ASH	2213	36,251	194	109	0.5	0.3	411	908	928	911	932
Ashley	ASH	3520	37,082	711	497	1.9	1.3	98	524	578	510	544
Ashmore	ASH	2529	36,441	1,212	1,075	3.3	2.9	311	325	373	262	306
Ashton	ASH	720	35,327	112	49	0.3	0.1	805	988	1002	996	1013
Assumption	ASS	2521	36,440	1,126	1,084	3.1	3.0	324	347	395	259	303
Astoria	AST	2011	36,126	3,075	216	8.5	0.6	464	88	141	761	775
Athens	ATH	2216	36,251	810	599	2.2	1.7	398	472	508	450	482
Athensville	ATH	2612	36,503	506	237	1.4	0.7	301	646	688	734	752
Atkinson	ATK	1013	35,509	324	176	0.9	0.5	747	789	808	816	829
Atwater	ATW	2716	36,567	481	326	1.3	0.9	261	665	703	643	669
Atwood	ATW	2326	36,314	352	345	1.0	1.0	368	758	787	624	652
Augusta	AUG	2006	36,126	913	703	2.5	2.0	462	419	459	385	420
Aurora North	AUR	727	35,327	1,658	1,089	4.7	3.1	809	229	272	258	285
Aurora South	AUR	827	35,388	540	432	1.5	1.2	786	622	653	557	573
Ava	AVA	3818	37,277	3,918	3,763	10.5	10.1	57	51	108	36	72
Avena	AVE	2922	36,695	1,602	1,493	4.4	4.1	221	246	294	176	212
Avon	AVO	1610	35,877	601	453	1.7	1.3	585	591	627	541	564
Bald Knob	BAL	2819	36,631	705	603	1.9	1.6	235	529	580	447	485
Baldwin	BAL	3615	37,145	2,000	1,233	5.4	3.3	91	179	245	224	265
Bandana	BAN	4422	7,994	271	10	3.4	0.1	1019	833	364	1043	1019
Banner	BAN	1714	35,939	1,664	761	4.6	2.1	561	227	280	362	394
Bardolph	BAR	1809	35,999	606	558	1.7	1.6	536	587	628	478	504
Barlow	BAR	4521	281	34	34	12.3	12.3	1067	1050	85	1015	51

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
								All	Wetland		Natural wetland	
			Total	Wetland	Natural wetland	Wetland	Natural wetland	Acres	Acres	%	Acres	%
Barrington	BAR	428	35,146	3,397	3,079	9.7	8.8	870	74	119	53	81
Barry	BAR	2405	36,377	1,182	1,024	3.3	2.8	346	333	384	274	315
Bath	BAT	2012	36,125	5,957	219	16.5	0.6	477	18	51	755	771
Baylis	BAY	2406	36,377	489	352	1.4	1.0	344	660	697	619	644
Beardstown	BEA	2110	36,189	5,860	425	16.2	1.2	426	19	53	561	584
Beaucoup	BEA	3519	37,082	821	574	2.2	1.6	105	465	512	465	502
Beaver Creek	BEA	3118	36,823	1,836	1,673	5.0	4.5	175	204	261	152	192
Beaverville	BEA	1432	35,755	640	632	1.8	1.8	632	563	598	430	457
Beckemeyer	BEC	3318	36,952	4,204	4,031	11.4	10.9	139	44	96	29	65
Bedford	BED	2509	36,440	798	666	2.2	1.8	318	479	518	408	442
Beecher City	BEE	2823	36,631	721	632	2.0	1.7	238	519	562	431	462
Beecher East	BEE	1133	28,012	286	269	1.0	1.0	955	816	778	694	649
Beecher West	BEE	1132	35,569	164	154	0.5	0.4	725	935	953	851	871
Belgique	BEL	3915	2,630	389	389	14.8	14.8	1035	736	62	589	35
Belle Prairie City	BEL	3625	37,147	820	638	2.2	1.7	86	466	513	426	464
Bellevue	BEL	310	15,660	1,886	49	12.1	0.3	998	200	90	994	923
Bellflower	BEL	1925	36,064	85	61	0.2	0.2	494	1015	1029	980	997
Belvidere NE	BEL	223	32,928	574	560	1.7	1.7	929	605	610	476	468
Belvidere North	BEL	323	35,086	1,163	1,100	3.3	3.1	893	339	371	255	278
Belvidere NW	BEL	222	33,609	685	635	2.0	1.9	921	541	542	428	427
Belvidere South	BEL	423	35,146	579	565	1.7	1.6	869	603	635	473	490
Bement	BEM	2225	36,252	43	33	0.1	0.1	393	1044	1053	1018	1038
Benson	BEN	1521	35,816	322	293	0.9	0.8	609	790	813	667	692
Bentley	BEN	1905	36,064	533	418	1.5	1.2	490	629	665	566	591
Berryville	BER	3330	36,951	2,112	1,967	5.7	5.3	148	169	229	120	160
Berwick	BER	1509	35,818	230	139	0.6	0.4	600	867	887	873	888
Berwyn	BER	731	35,325	765	366	2.2	1.0	816	491	521	608	623
Bethalto	BET	3013	36,758	909	566	2.5	1.5	206	421	469	471	506
Big Rock	BIG	725	35,327	253	208	0.7	0.6	806	844	861	777	785
Biggs	BIG	2014	36,126	880	836	2.4	2.3	461	435	475	334	369
Bingham	BIN	2920	36,695	794	585	2.2	1.6	215	482	525	459	494
Birds	BIR	3132	36,823	2,791	2,538	7.6	6.9	174	105	167	80	120
Bismarck	BIS	1933	27,686	486	478	1.8	1.7	957	662	605	524	463
Blackhawk	BLA	412	31,331	2,198	516	7.0	1.7	936	157	181	496	479
Blackstone	BLA	1324	35,691	321	258	0.9	0.7	673	791	815	716	729
Blanchard Island	BLA	1105	23,192	2,925	695	12.6	3.0	973	100	79	391	300
Blandinsville	BLA	1707	35,941	250	120	0.7	0.3	548	850	871	897	915
Bloomfield	BLO	4223	37,541	2,324	1,990	6.2	5.3	11	142	211	117	161
Bloomington East	BLO	1822	36,002	366	262	1.0	0.7	516	750	775	705	723
Bloomington West	BLO	1821	36,000	414	209	1.2	0.6	531	714	745	769	789
Bloomsdale	BLO	3712	12,829	3,233	3,158	25.2	24.6	1006	79	26	49	15
Blue Island	BLU	832	35,388	298	252	0.8	0.7	784	808	828	721	733
Bluford	BLU	3524	37,082	870	666	2.3	1.8	106	441	487	409	451
Blyton	BLY	1711	35,939	800	649	2.2	1.8	557	477	510	418	445
Bondville	BON	2127	36,188	243	165	0.7	0.5	433	857	876	834	852
Bone Gap	BON	3430	37,017	1,437	1,362	3.9	3.7	123	273	325	198	243
Bonfield	BON	1229	35,634	548	469	1.5	1.3	679	617	651	529	549
Boone Branch	BOO	415	35,146	78	52	0.2	0.2	871	1019	1032	992	1008
Boulder	BOU	3220	36,887	4,472	1,499	12.1	4.1	165	36	88	175	213
Bourbonnais	BOU	1230	35,630	463	405	1.3	1.1	697	678	708	576	598
Bowen	BOW	2005	36,124	223	145	0.6	0.4	478	872	894	865	884
Boyer Creek	BOY	2810	36,631	897	775	2.4	2.1	234	424	472	357	395
Boyleston	BOY	3526	37,082	2,456	2,169	6.6	5.9	100	131	194	103	144
Bradford	BRA	1216	35,629	123	95	0.3	0.3	701	980	998	930	948
Bradley	BRA	1231	35,630	213	161	0.6	0.5	696	887	902	838	859
Breese	BRE	3317	36,953	3,893	3,572	10.5	9.7	133	53	106	41	75
Brighton	BRI	2912	36,697	621	110	1.7	0.3	209	579	625	910	930
Broadwell	BRO	2118	36,188	1,089	971	3.0	2.7	429	359	404	294	329
Brocton	BRO	2430	36,379	275	259	0.8	0.7	337	827	850	712	735
Brodhead West	BRO	118	264	1	1	0.5	0.5	1068	1066	937	1055	826
Brookville	BRO	516	35,209	280	260	0.8	0.7	839	821	840	707	721
Broughton	BRO	3826	37,277	2,609	2,536	7.0	6.8	56	118	182	81	123
Brownfield	BRO	4325	36,188	2,006	1,728	5.5	4.8	432	178	239	147	180

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
			Total	Wetland	Natural wetland	Wetland	Natural wetland	All Acres	Wetland Acres	Wetland %	Natural wetland Acres	Natural wetland %
Brownstown	BRO	3022	36,759	848	645	2.3	1.8	200	450	495	419	458
Browntown	BRO	115	1,541	1	1	0.1	0.1	1050	1068	1066	1057	1048
Brussels	BRU	3009	34,413	3,618	1,133	10.5	3.3	909	66	107	244	266
Buckingham	BUC	1328	35,692	135	40	0.4	0.1	672	966	983	1007	1024
Buckley	BUC	1729	35,939	478	423	1.3	1.2	553	669	700	563	583
Buckley Northwest	BUC	1628	35,877	161	70	0.5	0.2	582	943	960	969	987
Buda	BUD	1116	35,570	391	247	1.1	0.7	714	732	756	726	742
Buda Northeast	BUD	1017	35,509	376	359	1.1	1.0	746	740	765	613	635
Buffalo Prairie	BUF	1107	35,569	242	150	0.7	0.4	723	860	875	857	874
Bungay	BUN	3626	37,146	878	744	2.4	2.0	89	437	486	366	408
Bunker Hill	BUN	2914	36,695	627	339	1.7	0.9	210	574	619	629	661
Burlington	BUR	1505	23,297	3,777	1,818	16.2	7.8	972	59	52	136	94
Burnside	BUR	1705	35,939	727	653	2.0	1.8	559	512	547	416	444
Burnt Prairie	BUR	3527	37,082	960	609	2.6	1.6	102	404	451	443	484
Bushnell East	BUS	1710	35,939	242	136	0.7	0.4	556	859	877	879	895
Bushnell West	BUS	1709	35,940	1,539	1,483	4.3	4.1	551	255	300	178	209
Butler	BUT	2817	36,632	726	387	2.0	1.1	233	513	555	592	619
Cabery	CAB	1428	35,754	66	20	0.2	0.1	639	1032	1042	1032	1044
Cache	CAC	4519	28,982	7,519	7,432	25.9	25.7	943	11	24	5	13
Cadwell	CAD	2425	36,379	94	82	0.3	0.2	335	1003	1020	950	970
Cahokia	CAH	3312	29,532	2,382	2,153	8.1	7.3	942	136	154	105	108
Cairo	CAI	4520	22,309	3,774	3,528	16.9	15.8	976	60	48	43	30
Caledonia	CAL	322	35,087	798	740	2.3	2.1	879	478	502	369	397
Calumet City	CAL	933	28,322	1,543	1,363	5.5	4.8	948	253	240	197	178
Camanche	CAM	711	1,958	127	17	6.5	0.9	1045	976	198	1035	671
Cambridge	CAM	1112	35,571	140	80	0.4	0.2	705	961	979	953	969
Camden	CAM	2007	36,125	1,185	1,007	3.3	2.8	472	331	380	279	317
Cameron	CAM	1409	35,751	269	198	0.8	0.6	650	834	853	790	807
Camp Point	CAM	2105	36,190	460	282	1.3	0.8	420	684	716	681	705
Campus	CAM	1327	35,692	207	152	0.6	0.4	666	892	908	855	875
Canton, Illinois	CAN	1713	35,940	1,890	175	5.3	0.5	549	198	250	819	835
Canton, Missouri	CAN	2001	2,339	535	12	22.9	0.5	1037	626	29	1039	814
Cape Girardeau	CAP	4317	1,693	440	440	26.0	26.0	1047	699	23	551	12
Capron	CAP	224	33,314	808	775	2.4	2.3	927	473	477	356	366
Carbondale	CAR	4020	37,409	1,887	1,436	5.0	3.8	29	199	259	183	225
Carlinville East	CAR	2715	36,567	1,055	791	2.9	2.2	267	369	419	352	387
Carlinville West	CAR	2714	36,568	405	244	1.1	0.7	259	720	755	729	746
Carlyle	CAR	3319	36,952	5,185	5,026	14.0	13.6	141	24	67	14	43
Carmi	CAR	3728	37,212	932	698	2.5	1.9	72	414	462	389	431
Carrier Mills	CAR	4024	37,409	5,005	4,133	13.4	11.1	31	26	69	26	63
Carrollton	CAR	2710	36,567	758	553	2.1	1.5	275	496	533	480	512
Carthage East	CAR	1805	36,001	2,007	1,799	5.6	5.0	525	177	237	139	175
Carthage West	CAR	1804	36,004	201	123	0.6	0.3	512	900	918	893	912
Casey	CAS	2730	36,567	876	602	2.4	1.7	276	439	480	448	481
Castleton	CAS	1316	35,692	38	31	0.1	0.1	669	1046	1055	1019	1039
Cave In Rock	CAV	4228	11,032	191	152	1.7	1.4	1012	912	608	854	536
Centerville	CEN	3628	37,150	887	751	2.4	2.0	76	429	481	363	405
Centralia East	CEN	3321	36,952	2,346	1,880	6.4	5.1	140	140	202	129	169
Centralia West	CEN	3320	36,953	2,952	2,803	8.0	7.6	135	99	157	64	100
Cerro Gordo	CER	2224	36,251	837	777	2.3	2.1	399	458	494	355	393
Chana	CHA	620	35,266	325	281	0.9	0.8	834	788	807	683	697
Chandlerville	CHA	2112	36,189	2,424	2,114	6.7	5.8	422	134	192	109	145
Channahon	CHA	1028	35,509	3,088	1,913	8.7	5.4	743	87	137	125	159
Chapin	CHA	2310	36,314	198	72	0.6	0.2	373	906	924	965	981
Charleston	CHA	4619	819	499	499	61.0	61.0	1057	653	5	509	3
Charleston North	CHA	2528	36,443	112	91	0.3	0.3	307	990	1006	937	958
Charleston South	CHA	2628	36,504	1,148	937	3.1	2.6	289	343	392	307	345
Chatham	CHA	2416	36,378	996	441	2.7	1.2	338	389	435	549	576
Chatsworth North	CHA	1527	35,817	108	87	0.3	0.2	603	994	1011	944	964
Chatsworth South	CHA	1627	35,875	251	157	0.7	0.4	594	849	870	845	863
Chauncey	CHA	3131	36,822	3,684	3,587	10.0	9.7	185	65	115	40	74
Chenoa	CHE	1624	35,877	35	10	0.1	0.0	587	1048	1058	1041	1055
Cherry Valley	CHE	422	35,146	778	743	2.2	2.1	866	487	514	367	398

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
					Natural		Natural	All	Wetland		Natural wetland	
			Total	Wetland	wetland	Wetland	wetland	Acres	Acres	%	Acres	%
Chester	CHE	3815	33,662	1,882	1,712	5.6	5.1	920	201	236	149	171
Chestnut	CHE	2120	36,188	952	917	2.6	2.5	441	406	448	311	347
Chicago Loop	CHI	632	32,225	163	100	0.5	0.3	932	938	935	924	925
Chicago Loop East	CHI	633	715	27	18	3.8	2.4	1060	1055	331	1034	354
Chillicothe	CHI	1418	35,754	8,937	367	25.0	1.0	637	8	27	606	625
Chrisman	CHR	2332	36,315	271	256	0.8	0.7	365	832	851	719	739
Christopher	CHR	3821	37,278	3,589	3,249	9.6	8.7	51	69	121	47	82
Cisne	CIS	3326	36,952	1,493	1,420	4.0	3.8	142	260	315	187	228
Cissna Park	CIS	1730	35,942	230	211	0.6	0.6	544	866	882	766	787
Claremont	CLA	3230	36,888	828	670	2.3	1.8	151	463	507	406	443
Clark Center	CLA	2731	36,567	472	267	1.3	0.7	263	674	710	698	722
Clarksdale	CLA	2619	36,504	636	477	1.7	1.3	295	568	607	526	551
Clarksville, Illinois	CLA	2631	36,503	500	233	1.4	0.6	299	652	691	740	758
Clarksville, Missouri	CLA	2706	617	390	0	63.2	0.0	1061	734	4	0	0
Clay City	CLA	3227	36,888	5,427	5,322	14.7	14.4	155	22	63	11	38
Clayton	CLA	2106	36,189	538	373	1.5	1.0	423	625	662	601	627
Claytonville	CLA	1731	35,941	698	664	1.9	1.9	546	531	570	410	440
Clear Lake	CLE	2111	36,187	13,487	4,142	37.3	11.5	444	1	9	25	60
Clifton	CLI	1430	35,755	260	210	0.7	0.6	635	840	857	768	784
Clinton, Iowa	CLI	712	22,334	1,842	900	8.3	4.0	975	203	150	317	215
Clinton, Illinois	CLI	2022	36,125	252	222	0.7	0.6	476	847	867	750	774
Clinton NW	CLI	612	8,705	675	9	7.8	0.1	1018	550	164	1046	1028
Coal City	COA	1127	35,568	1,925	1,394	5.4	3.9	726	189	242	193	222
Coal Valley	COA	1010	35,511	1,655	700	4.7	2.0	735	231	276	387	414
Coatsburg	COA	2104	36,188	928	728	2.6	2.0	436	416	457	373	407
Cobden	COB	4119	37,475	485	258	1.3	0.7	22	663	709	715	740
Coffeen	COF	2918	36,695	752	445	2.1	1.2	216	500	539	546	577
Colchester	COL	1807	36,002	539	396	1.5	1.1	515	624	657	582	607
Colfax	COL	1725	35,942	71	55	0.2	0.2	545	1025	1036	987	1009
Collinsville	COL	3214	36,888	552	179	1.5	0.5	156	615	658	814	838
Collison	COL	2031	36,126	472	451	1.3	1.3	459	673	706	544	568
Columbia	COL	3412	37,016	796	417	2.2	1.1	128	480	527	567	599
Columbia Bottom	COL	3112	4,615	852	687	18.5	14.9	1027	448	43	395	34
Columbus	COL	2204	36,251	725	463	2.0	1.3	403	514	551	531	554
Colusa	COL	1704	35,937	205	137	0.6	0.4	569	893	916	876	896
Como	COM	715	35,328	711	599	2.0	1.7	801	525	549	451	469
Compton	COM	821	35,387	187	138	0.5	0.4	790	915	932	875	890
Concord	CON	2311	36,313	752	520	2.1	1.4	383	501	532	494	524
Cooks Mills	COO	2526	36,440	715	681	2.0	1.9	326	521	564	400	434
Cooksville	COO	1724	35,936	176	165	0.5	0.5	571	927	944	835	857
Cooperstown	COO	2209	36,251	3,898	2,979	10.8	8.2	409	52	104	55	88
Cordova	COR	811	21,620	88	22	0.4	0.1	981	1012	973	1028	1029
Cornland	COR	2218	36,249	225	156	0.6	0.4	416	870	892	846	870
Coulterville	COU	3617	37,147	1,575	1,189	4.2	3.2	81	247	304	233	273
Crab Orchard	CRA	4023	37,409	3,107	2,518	8.3	6.7	30	86	149	84	125
Crab Orchard Lake	CRA	4021	37,409	2,516	1,471	6.7	3.9	28	126	190	179	221
Creal Springs	CRE	4123	37,474	1,093	805	2.9	2.2	24	358	415	345	391
Crescent City	CRE	1531	35,813	396	363	1.1	1.0	626	730	758	610	634
Creston	CRE	622	35,269	164	146	0.5	0.4	821	934	956	862	881
Crisp	CRI	3425	37,017	1,717	1,551	4.6	4.2	115	218	279	169	207
Crosstown	CRO	4016	812	286	286	35.2	35.2	1058	815	10	674	7
Crossville	CRO	3629	37,145	1,458	1,327	3.9	3.6	92	268	323	204	248
Crystal Lake	CRY	427	35,146	1,647	1,302	4.7	3.7	868	234	273	211	239
Cuba City	CUB	110	2,027	1	0	0.1	0.0	1043	1067	1065	1066	1065
Cullom	CUL	1427	35,751	145	114	0.4	0.3	652	956	977	903	922
Cypress	CYP	4321	37,607	4,821	4,608	12.8	12.3	9	28	75	18	52
Dahlgren	DAH	3624	37,147	1,016	729	2.7	2.0	85	383	436	372	417
Dakota	DAK	217	35,029	189	187	0.5	0.5	898	914	929	801	819
Dallas City	DAL	1604	5,717	296	7	5.2	0.1	1025	809	255	1052	1018
Dalton City	DAL	2423	36,375	156	144	0.4	0.4	355	948	969	866	885
Dana	DAN	1422	35,755	123	116	0.3	0.3	633	979	996	902	919
Danvers	DAN	1720	35,939	334	168	0.9	0.5	552	774	805	829	844
Danville NE	DAN	2033	27,218	218	203	0.8	0.8	960	878	838	784	716

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
			Total	Wetland	Natural wetland	Wetland	Natural wetland	All Acres	Wetland Acres	Wetland %	Natural wetland Acres	Natural wetland %
Danville NW	DAN	2032	36,127	1,046	436	2.9	1.2	454	373	417	555	575
Danville SE	DAN	2133	26,888	366	306	1.4	1.1	963	749	696	656	597
Danville SW	DAN	2132	36,186	279	123	0.8	0.3	445	822	846	894	911
Darrow	DAR	1633	28,370	191	183	0.7	0.7	946	913	879	810	757
Daum	DAU	2711	36,570	398	185	1.1	0.5	256	726	759	804	824
Davenport East	DAV	909	4,505	91	8	2.0	0.2	1028	1007	544	1047	991
Davis	DAV	218	35,027	178	156	0.5	0.4	900	922	934	848	865
Daysville	DAY	619	35,264	1,141	1,079	3.2	3.1	838	345	385	260	290
De Kalb	DE	623	35,269	209	163	0.6	0.5	820	890	906	836	853
De Soto	DE	3920	37,343	3,596	3,097	9.6	8.3	43	68	120	51	85
Decatur	DEC	2322	36,314	1,017	681	2.8	1.9	370	382	430	399	430
Decker	DEC	3333	432	183	183	42.5	42.5	1063	919	6	809	4
Dekoven	DEK	4129	6,568	265	249	4.0	3.8	1024	835	316	722	234
Delavan North	DEL	1817	36,001	819	678	2.3	1.9	523	467	503	402	428
Delavan South	DEL	1917	36,063	82	36	0.2	0.1	500	1018	1030	1011	1033
Delong	DEL	1511	35,816	534	387	1.5	1.1	606	627	660	593	613
Dennison	DEN	2633	27,327	479	369	1.8	1.4	959	668	604	605	542
Depue	DEP	1119	35,570	5,107	1,127	14.4	3.2	711	25	65	245	276
Dewitt	DEW	2023	36,123	293	95	0.8	0.3	479	812	835	932	950
Dieterich	DIE	2926	36,694	591	481	1.6	1.3	224	595	640	520	552
Divernon	DIV	2516	36,440	519	338	1.4	0.9	322	634	679	632	660
Dixon East	DIX	718	35,324	218	97	0.6	0.3	818	881	891	927	943
Dixon West	DIX	717	35,327	493	219	1.4	0.6	803	657	686	756	765
Doddsville	DOD	1908	36,066	1,149	951	3.2	2.6	486	342	386	301	336
Dongola	DON	4320	37,607	2,828	2,624	7.5	7.0	7	104	172	77	118
Donovan	DON	1433	28,330	1,247	1,236	4.4	4.4	947	311	292	221	199
Du Quoin	DU	3720	37,215	3,005	2,684	8.1	7.2	61	95	152	73	111
Dubuque North	DUB	108	343	1	0	0.4	0.0	1066	1065	974	0	0
Dubuque South	DUB	208	2,081	560	1	26.9	0.0	1042	608	19	1056	1049
Duck Island	DUC	1814	35,999	12,222	83	33.9	0.2	534	3	11	949	966
Duncan Mills	DUN	1912	36,063	968	791	2.7	2.2	497	400	445	351	383
Dundas	DUN	3129	36,823	1,573	1,407	4.3	3.8	176	248	301	189	231
Dunlap	DUN	1516	35,816	731	538	2.0	1.5	608	509	543	488	515
Durand	DUR	219	34,813	1,463	1,430	4.2	4.1	908	266	307	184	210
Dwight	DWI	1326	35,692	477	310	1.3	0.9	670	670	699	654	675
Dyer	DYE	1033	28,167	1,011	847	3.6	3.0	950	385	349	330	299
Earlville	EAR	922	35,446	222	154	0.6	0.4	775	873	890	852	869
East Lynn	EAS	1831	36,001	91	88	0.3	0.3	522	1006	1024	941	959
East Mount Carmel	EAS	3432	4,043	320	285	7.9	7.0	1031	793	160	676	117
Easton	EAS	2015	36,127	604	550	1.7	1.5	453	589	630	483	510
Eaton	EAT	2931	36,695	1,051	863	2.9	2.3	217	370	425	325	361
Eberle	EBE	3026	36,760	429	346	1.2	0.9	190	707	742	622	657
Eddyville	EDD	4125	37,475	184	80	0.5	0.2	17	918	946	954	975
Edelstein	EDE	1416	35,757	202	107	0.6	0.3	628	898	915	914	931
Edgewood	EDG	3024	36,760	728	589	2.0	1.6	189	511	556	458	492
Edinburg	EDI	2418	36,377	1,455	1,147	4.0	3.2	343	269	318	242	277
Edwardsville	EDW	3114	36,823	948	654	2.6	1.8	182	409	454	415	453
Effingham North	EFF	2825	36,631	548	397	1.5	1.1	241	618	661	581	614
Effingham South	EFF	2925	36,694	1,022	863	2.8	2.3	225	380	432	327	363
El Paso	EL	1621	35,878	608	479	1.7	1.3	577	586	623	522	547
Elburn	ELB	626	35,267	971	864	2.8	2.4	829	398	434	324	355
Eldorado	ELD	3926	37,341	649	425	1.7	1.1	47	559	609	560	593
Elgin	ELG	527	35,206	1,642	1,217	4.7	3.5	852	236	277	227	257
Eliza	ELI	1106	35,570	245	118	0.7	0.3	715	853	873	898	916
Elizabeth	ELI	312	35,086	75	44	0.2	0.1	890	1021	1034	1002	1017
Elizabeth NE	ELI	213	35,026	177	160	0.5	0.5	902	924	941	842	856
Elkville	ELK	3820	37,277	7,010	6,513	18.8	17.5	58	12	40	7	25
Elmhurst	ELM	630	35,267	503	413	1.4	1.2	830	650	676	571	588
Elmira	ELM	1215	35,633	355	207	1.0	0.6	680	754	781	780	790
Elmwood	ELM	1514	35,818	553	271	1.5	0.8	601	613	650	692	709
Elsah	ELS	3011	20,324	866	519	4.3	2.6	986	443	303	495	346
Elwood	ELW	1029	35,509	778	638	2.2	1.8	750	488	517	424	447
Emden	EMD	1918	36,062	60	14	0.2	0.0	508	1036	1047	1036	1051

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
								All	Wetland		Natural wetland	
			Total	Wetland	Natural wetland	Wetland	Natural wetland	Acres	Acres	%	Acres	%
Emma	EMM	3829	26,123	3,869	3,773	14.8	14.4	968	56	61	35	37
Enfield	ENF	3727	37,212	980	781	2.6	2.1	75	393	449	354	399
Englewood	ENG	732	35,326	56	10	0.2	0.0	812	1038	1048	1042	1054
Enterprise	ENT	3327	36,952	3,074	2,951	8.3	8.0	138	89	147	57	91
Equality	EQU	4027	37,410	3,752	3,564	10.0	9.5	27	63	114	42	76
Erie	ERI	813	35,388	1,510	1,406	4.3	4.0	788	259	302	190	220
Erie Northwest	ERI	812	35,389	1,174	1,104	3.3	3.1	779	335	372	252	281
Erwin	ERW	2008	36,126	1,237	1,099	3.4	3.0	460	314	363	257	294
Essex	ESS	1228	35,631	835	442	2.3	1.2	688	461	490	548	570
Eureka	EUR	1619	35,877	332	215	0.9	0.6	581	778	803	763	777
Evanston	EVA	532	17,901	90	75	0.5	0.4	994	1009	938	958	877
Evansville	EVA	3714	37,212	2,554	2,167	6.9	5.8	71	123	185	104	147
Ewing	EWI	3723	37,212	2,255	2,069	6.1	5.6	73	149	217	112	154
Fairbanks	FAI	2833	6,681	479	473	7.2	7.1	1023	667	179	528	114
Fairbury	FAI	1625	35,875	426	398	1.2	1.1	596	709	738	580	606
Fairdale	FAI	522	35,204	340	336	1.0	1.0	857	768	791	635	653
Fairfield	FAI	3427	37,017	2,207	1,891	6.0	5.1	124	155	219	127	166
Fairhaven	FAI	614	35,267	204	190	0.6	0.5	825	894	912	798	813
Fairman	FAI	3221	36,889	1,644	1,551	4.5	4.2	150	235	288	170	206
Fairview	FAI	1612	35,874	1,101	264	3.1	0.7	597	353	396	702	718
Fancher	FAN	2723	36,567	839	750	2.3	2.1	266	455	498	364	403
Fandon	FAN	1907	36,063	1,697	1,552	4.7	4.3	498	223	271	168	201
Farmer City North	FAR	1924	36,063	93	53	0.3	0.2	502	1004	1021	991	1005
Farmer City South	FAR	2024	36,126	217	85	0.6	0.2	458	884	900	945	960
Farmersville	FAR	2616	36,504	414	144	1.1	0.4	290	715	748	867	886
Farmingdale	FAR	2315	36,313	639	479	1.8	1.3	381	566	601	521	548
Farmington East	FAR	1614	35,877	580	178	1.6	0.5	579	602	637	815	827
Farmington West	FAR	1613	35,876	1,473	210	4.1	0.6	592	263	314	767	780
Fiatt	FIA	1712	35,942	1,214	84	3.4	0.2	543	324	366	948	967
Fillmore	FIL	2919	36,695	990	801	2.7	2.2	219	390	443	349	385
Findlay	FIN	2523	36,440	175	161	0.5	0.4	327	928	949	840	866
Fisher	FIS	1927	36,062	889	844	2.5	2.3	507	427	468	332	365
Fishhook	FIS	2306	36,313	256	172	0.7	0.5	382	842	865	823	845
Flanagan North	FLA	1423	35,753	86	70	0.2	0.2	645	1013	1028	967	984
Flanagan South	FLA	1523	35,813	12	9	0.0	0.0	624	1058	1068	1045	1061
Flanagan Southwest	FLA	1522	35,813	58	48	0.2	0.1	625	1037	1049	998	1015
Flat Rock	FLA	3032	36,760	443	235	1.2	0.6	192	697	736	737	759
Flatville	FLA	2029	36,125	130	124	0.4	0.3	470	972	988	892	914
Flora	FLO	3226	36,888	2,726	2,628	7.4	7.1	154	110	175	76	113
Florence	FLO	2409	36,377	743	644	2.0	1.8	348	503	541	420	454
Florid	FLO	1219	35,631	3,447	106	9.7	0.3	691	73	118	917	928
Foley	FOL	2908	20,455	2,315	144	11.3	0.7	985	144	97	868	736
Foosland	FOO	1926	36,063	200	176	0.6	0.5	501	904	921	817	837
Forest City	FOR	1915	36,063	64	42	0.2	0.1	504	1033	1045	1003	1023
Forrest North	FOR	1526	35,816	471	457	1.3	1.3	611	675	702	536	556
Forrest South	FOR	1626	35,876	130	40	0.4	0.1	593	971	991	1008	1025
Forreston North	FOR	417	35,145	204	175	0.6	0.5	873	895	911	821	834
Forreston South	FOR	517	35,207	90	81	0.3	0.2	842	1008	1023	952	971
Forsyth	FOR	2222	36,251	352	285	1.0	0.8	404	757	788	675	700
Fountain Green	FOU	1806	36,002	1,041	939	2.9	2.6	518	374	420	305	339
Fox Lake	FOX	228	33,696	10,405	10,248	30.9	30.4	919	5	15	1	9
Frankfort	FRA	1031	35,512	851	765	2.4	2.2	733	449	479	359	392
Franklin	FRA	2513	36,441	514	260	1.4	0.7	313	639	682	710	731
Franklin Grove	FRA	719	35,328	224	191	0.6	0.5	800	871	889	796	811
Freeburg	FRE	3414	37,017	910	313	2.5	0.9	113	420	470	652	681
Freeport East	FRE	317	35,087	1,109	1,068	3.2	3.0	880	350	391	264	295
Freeport West	FRE	316	35,087	1,102	1,045	3.1	3.0	884	352	394	270	302
French Village	FRE	3313	36,952	1,678	1,233	4.5	3.3	137	224	285	223	263
Fritchton	FRI	3234	51	34	34	67.0	67.0	1072	1051	3	1017	2
Ft. Madison	FT.	1603	892	50	0	5.6	0.0	1056	1041	238	1065	1050
Funks Grove	FUN	1921	36,064	493	410	1.4	1.1	493	658	692	572	596
Galatia	GAL	3925	37,344	3,113	2,714	8.3	7.3	36	83	146	70	109
Galena	GAL	210	34,263	759	275	2.2	0.8	911	495	511	688	695

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
					Natural		Natural	All	Wetland		Natural wetland	
			Total	Wetland	wetland	Wetland	wetland	Acres	Acres	%	Acres	%
Galesburg East	GAL	1411	35,755	413	267	1.2	0.8	631	716	744	697	714
Galesburg West	GAL	1410	35,754	316	262	0.9	0.7	638	795	818	704	725
Galva	GAL	1213	35,631	107	63	0.3	0.2	687	996	1013	975	993
Garden Prairie	GAR	324	35,086	1,358	1,339	3.9	3.8	887	292	328	202	232
Gardner	GAR	1227	35,632	663	446	1.9	1.3	684	553	589	545	566
Geff	GEF	3426	37,017	763	574	2.1	1.6	119	493	537	464	503
Geneseo	GEN	1012	35,508	505	432	1.4	1.2	754	647	678	558	574
Geneva	GEN	627	35,267	1,194	905	3.4	2.6	827	329	367	316	344
Genoa	GEN	524	35,206	960	878	2.7	2.5	848	403	438	322	352
Georgetown	GEO	2232	36,253	404	228	1.1	0.6	392	722	753	745	762
German Corner	GER	1113	35,570	104	34	0.3	0.1	717	998	1017	1016	1031
German Valley	GER	418	35,147	146	130	0.4	0.4	864	955	972	885	903
Germantown Hills	GER	1518	35,814	2,409	618	6.7	1.7	623	135	189	438	460
Gibson City East	GIB	1827	36,002	193	127	0.5	0.4	517	910	926	888	908
Gibson City West	GIB	1826	36,001	161	124	0.5	0.4	528	941	959	891	910
Gifford	GIF	1929	36,065	125	67	0.4	0.2	488	977	992	972	988
Gillespie North	GIL	2815	36,630	754	352	2.1	1.0	247	497	534	620	645
Gillespie South	GIL	2915	36,694	1,191	660	3.3	1.8	227	330	382	413	446
Gilman	GIL	1530	35,816	711	671	2.0	1.9	605	523	553	405	433
Gladstone	GLA	1506	35,816	492	376	1.4	1.1	615	659	693	599	622
Glasford	GLA	1715	35,939	1,371	266	3.8	0.7	560	286	334	700	717
Glendale	GLE	4224	37,541	1,988	1,658	5.3	4.4	13	183	248	156	194
Golconda	GOL	4326	1,722	164	20	9.5	1.2	1046	936	124	1031	585
Golden Gate	GOL	3528	37,078	3,949	3,803	10.7	10.3	111	50	105	33	70
Good Hope	GOO	1708	35,939	220	171	0.6	0.5	558	875	895	824	840
Goreville	GOR	4122	37,474	592	364	1.6	1.0	25	594	644	609	642
Gorham	GOR	4018	37,409	12,313	9,270	32.9	24.8	32	2	14	3	14
Grafton	GRA	3010	12,980	1,615	11	12.4	0.1	1005	243	83	1040	1036
Grand Detour	GRA	618	35,267	875	678	2.5	1.9	826	440	465	401	424
Grandview	GRA	2531	36,443	487	399	1.3	1.1	306	661	698	579	612
Granite City	GRA	3212	20,122	2,512	2,326	12.5	11.6	987	127	82	96	59
Grantfork	GRA	3116	36,823	639	414	1.7	1.1	180	567	606	569	600
Grayslake	GRA	329	35,086	3,112	2,891	8.9	8.2	891	84	133	60	87
Grayville	GRA	3530	30,389	2,115	2,077	7.0	6.8	940	168	183	111	121
Green Island	GRE	411	16,275	1,541	28	9.5	0.2	997	254	125	1025	994
Green Rock	GRE	1011	35,510	1,458	1,322	4.1	3.7	736	267	313	207	238
Greenbush	GRE	1609	35,876	351	271	1.0	0.8	591	759	782	691	710
Greenfield	GRE	2712	36,568	582	355	1.6	1.0	258	600	642	614	641
Greenup	GRE	2828	36,631	1,100	948	3.0	2.6	243	354	407	304	342
Greenview	GRE	2116	36,189	271	132	0.8	0.4	424	831	849	883	904
Greenville	GRE	3018	36,759	1,237	975	3.4	2.7	197	315	369	291	334
Gridley	GRI	1622	35,880	560	425	1.6	1.2	574	609	648	559	581
Griggsville	GRI	2408	36,377	1,251	1,116	3.4	3.1	345	310	359	251	287
Grove Center	GRO	4029	4,047	997	953	24.6	23.6	1030	388	28	299	17
Grove City	GRO	2419	36,379	339	288	0.9	0.8	334	769	802	673	701
Hagarstown	HAG	3020	36,758	1,160	1,001	3.2	2.7	205	341	390	282	323
Hahnaman	HAH	816	35,387	173	131	0.5	0.4	789	930	942	884	901
Hamburg	HAM	2808	25,834	1,654	37	6.4	0.1	969	232	200	1010	1012
Hamilton	HAM	1803	35,180	515	276	1.5	0.8	858	638	668	686	704
Hammond	HAM	2325	36,312	76	70	0.2	0.2	385	1020	1033	968	989
Hampshire	HAM	525	35,204	284	259	0.8	0.7	856	819	836	713	727
Hanna City	HAN	1615	35,877	2,027	1,563	5.6	4.4	590	173	233	164	198
Hannibal East	HAN	2403	17,706	1,623	541	9.2	3.1	995	239	131	487	289
Hanover	HAN	311	35,088	261	184	0.7	0.5	877	838	855	805	821
Harco	HAR	3924	37,343	2,165	1,804	5.8	4.8	44	159	226	138	177
Hardin	HAR	2809	36,630	2,764	209	7.5	0.6	250	107	169	771	794
Harmon	HAR	817	35,388	495	443	1.4	1.3	785	656	684	547	567
Harmony	HAR	3423	37,017	1,083	844	2.9	2.3	112	361	414	331	372
Harrisburg	HAR	4025	37,407	2,723	2,328	7.3	6.2	35	111	176	95	139
Harristown	HAR	2321	36,317	1,246	1,020	3.4	2.8	360	312	361	275	313
Harvard	HAR	225	33,592	1,493	1,349	4.4	4.0	922	261	289	201	216
Harvey	HAR	932	35,450	887	764	2.5	2.2	756	431	464	360	389
Havana	HAV	1913	36,063	4,522	489	12.5	1.4	499	35	81	515	539

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
								All	Wetland		Natural wetland	
			Total	Wetland	Natural wetland	Wetland	Natural wetland	Acres	Acres	%	Acres	%
Hazel Dell	HAZ	2829	36,631	516	436	1.4	1.2	246	637	683	554	582
Hazelhurst	HAZ	616	35,266	70	55	0.2	0.2	833	1026	1041	986	1002
Heathsville	HEA	3033	26,783	2,120	2,002	7.9	7.5	965	166	161	116	104
Hebron	HEB	226	33,522	1,988	1,890	5.9	5.6	923	184	221	128	151
Henning	HEN	1932	36,062	366	338	1.0	0.9	509	748	779	631	658
Henry	HEN	1319	35,690	1,069	132	3.0	0.4	677	367	408	881	900
Herod	HER	4126	37,475	445	343	1.2	0.9	19	694	739	626	663
Herrick	HER	2822	36,630	1,392	1,266	3.8	3.5	249	280	335	215	258
Herrin	HER	3921	37,342	3,893	3,466	10.4	9.3	45	54	109	44	77
Herscher	HER	1329	35,690	249	156	0.7	0.4	675	851	869	847	862
Hettick	HET	2713	36,566	716	404	2.0	1.1	277	520	563	577	603
Heyworth	HEY	1922	36,062	275	207	0.8	0.6	506	826	848	778	792
Highland	HIG	3216	36,886	688	515	1.9	1.4	169	538	588	498	532
Highland Park	HIG	431	25,634	430	260	1.7	1.0	970	706	629	711	632
Highland Park East	HIG	432	186	8	8	4.3	4.3	1070	1060	297	1050	200
Hillsboro	HIL	2818	36,629	630	228	1.7	0.6	253	570	612	746	764
Hillsdale	HIL	912	35,449	2,221	1,988	6.3	5.6	757	152	205	118	153
Hinckley	HIN	724	35,329	141	118	0.4	0.3	799	959	976	900	918
Hindsboro	HIN	2428	36,374	313	299	0.9	0.8	358	796	822	664	693
Hinsdale	HIN	730	35,328	606	355	1.7	1.0	802	588	613	615	637
Holder	HOL	1823	35,999	209	150	0.6	0.4	535	889	909	858	876
Homer	HOM	2130	36,188	330	252	0.9	0.7	431	783	809	720	738
Hoopeston	HOO	1832	36,004	434	370	1.2	1.0	513	705	732	603	631
Hooppole	HOO	914	35,448	140	19	0.4	0.1	763	960	975	1033	1047
Hopedale	HOP	1818	36,000	676	566	1.9	1.6	533	549	585	472	498
Hord	HOR	3025	36,759	1,702	1,559	4.6	4.2	195	222	281	165	204
Hoyleton	HOY	3419	37,016	853	726	2.3	2.0	125	447	499	376	418
Hull	HUL	2404	36,098	2,213	1,291	6.1	3.6	481	154	214	214	247
Humboldt	HUM	2527	36,439	204	169	0.6	0.5	330	896	917	827	854
Hume	HUM	2331	36,317	13	12	0.0	0.0	361	1057	1067	1038	1056
Humrick	HUM	2233	26,725	507	474	1.9	1.8	966	645	583	527	456
Huntley	HUN	426	35,144	2,667	2,541	7.6	7.2	875	113	166	79	110
Hutsonville	HUT	2932	35,534	1,221	1,013	3.4	2.8	732	320	360	278	308
Hutton	HUT	2733	12,198	632	565	5.2	4.6	1010	569	256	474	188
Illiana Heights	ILL	1233	28,016	1,791	1,746	6.4	6.2	954	208	201	145	138
Illinois City	ILL	1006	15,545	970	73	6.2	0.5	999	399	209	963	842
Ina	INA	3622	37,147	8,226	2,318	22.1	6.2	78	9	31	97	137
Industry	IND	1909	36,066	544	455	1.5	1.3	485	620	656	539	565
Ipava	IPA	1911	36,066	697	395	1.9	1.1	482	532	573	584	610
Irvington	IRV	3420	37,016	1,254	1,041	3.4	2.8	126	308	365	272	314
Iuka	IUK	3323	36,953	1,359	1,208	3.7	3.3	132	291	343	229	269
Ivesdale	IVE	2226	36,251	61	59	0.2	0.2	401	1035	1046	982	1003
Jackson Park	JAC	733	10,717	83	48	0.8	0.5	1013	1017	844	997	858
Jacksonville	JAC	2412	36,373	617	268	1.7	0.7	359	584	620	695	719
Jerseyville North	JER	2811	36,631	397	260	1.1	0.7	242	728	761	709	732
Jerseyville South	JER	2911	36,694	326	147	0.9	0.4	226	787	817	861	883
Johnsonville	JOH	3325	36,952	1,558	1,379	4.2	3.7	146	249	305	194	237
Johnston City	JOH	3922	37,343	3,884	3,085	10.4	8.3	40	55	110	52	86
Johnstown	JOH	2727	36,567	354	220	1.0	0.6	270	755	790	752	776
Joliet	JOL	929	35,448	1,414	1,102	4.0	3.1	769	278	319	254	282
Jonesboro	JON	4219	37,541	3,316	3,143	8.8	8.4	16	75	134	50	84
Joppa	JOP	4423	19,037	1,515	1,119	8.0	5.9	993	258	159	248	143
Joy	JOY	1206	34,039	2,012	1,055	5.9	3.1	916	175	222	267	283
Juda	JUD	117	772	1	0	0.1	0.0	1059	1069	1063	0	0
Kampsville	KAM	2709	36,567	1,930	1,462	5.3	4.0	262	188	249	181	217
Kampville	KAM	3109	529	2	0	0.3	0.0	1062	1064	994	0	0
Kankakee	KAN	1331	35,693	659	604	1.9	1.7	664	556	591	446	470
Kansas	KAN	2530	36,441	114	106	0.3	0.3	312	986	1010	915	941
Karbers Ridge	KAR	4127	37,475	402	341	1.1	0.9	23	724	763	628	664
Karnak	KAR	4322	37,608	6,044	5,914	16.1	15.7	6	17	55	10	32
Kaskaskia	KAS	3814	27,413	4,577	4,468	16.7	16.3	958	32	49	22	27
Keensburg	KEE	3531	11,131	1,361	1,235	12.2	11.1	1011	290	86	222	62
Keithsburg	KEI	1306	20,928	1,933	266	9.2	1.3	984	187	128	699	558

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
			Total	Wetland	Natural wetland	Wetland	Natural wetland	All Acres	Wetland Acres	Wetland %	Natural wetland Acres	Natural wetland %
Kell	KEL	3422	37,017	1,169	826	3.2	2.2	117	338	389	337	381
Kellerville	KEL	2206	36,251	301	175	0.8	0.5	405	805	832	820	839
Kenney	KEN	2121	36,188	728	641	2.0	1.8	437	510	548	423	455
Kent	KEN	314	35,087	277	248	0.8	0.7	882	824	841	724	734
Keokuk	KEO	1802	1,343	286	7	21.3	0.6	1053	814	37	1051	803
Kewanee North	KEW	1114	35,570	111	63	0.3	0.2	706	991	1004	976	992
Kewanee South	KEW	1214	35,631	139	103	0.4	0.3	690	962	980	921	937
Keyesport	KEY	3219	36,887	1,813	553	4.9	1.5	167	206	263	479	514
Kieler	KIE	109	2,203	2	0	0.1	0.0	1040	1063	1060	0	0
Kilbourne	KIL	2013	36,125	263	80	0.7	0.2	473	836	856	955	973
Kincaid	KIN	2518	36,440	2,145	1,920	5.9	5.3	319	163	224	123	162
Kings	KIN	521	35,206	524	487	1.5	1.4	853	631	663	517	537
Kingston	KIN	1405	1,243	328	29	26.4	2.3	1054	785	21	1024	367
Kinmundy	KIN	3123	36,824	543	380	1.5	1.0	170	621	666	595	628
Kinsman	KIN	1225	35,631	303	209	0.9	0.6	693	802	825	770	783
Kirkland	KIR	523	35,204	694	673	2.0	1.9	855	536	561	404	426
Kirksville	KIR	2524	36,440	1,388	135	3.8	0.4	320	282	333	880	899
Kirkwood East	KIR	1508	35,817	153	93	0.4	0.3	602	953	968	933	952
Kirkwood West	KIR	1507	35,815	310	202	0.9	0.6	619	798	820	785	802
Kishwaukee	KIS	420	35,148	584	392	1.7	1.1	859	598	633	586	604
L'erable	L'E	1431	35,754	839	806	2.3	2.3	643	456	489	344	377
La Fayette	LA	1314	35,691	212	185	0.6	0.5	674	888	907	803	823
La Grange	LA	2101	426	142	0	33.3	0.1	1064	958	13	1063	1035
La Harpe	LA	1706	35,938	499	363	1.4	1.0	566	655	687	611	633
La Hogue	LA	1529	35,815	36	8	0.1	0.0	620	1047	1057	1048	1059
La Moille	LA	919	35,449	302	268	0.9	0.8	759	804	826	696	713
La Place	LA	2324	36,314	122	113	0.3	0.3	371	981	997	905	927
La Prairie Center	LA	1317	35,693	70	54	0.2	0.2	665	1027	1039	990	1010
La Rose	LA	1420	35,754	228	204	0.6	0.6	640	868	884	782	796
La Salle	LA	1121	35,570	2,216	1,782	6.2	5.0	716	153	210	142	174
Lacon	LAC	1318	35,692	2,315	283	6.5	0.8	667	143	197	679	699
Ladd	LAD	1020	35,509	177	112	0.5	0.3	742	923	939	907	921
Lake Calumet	LAK	833	28,057	1,466	990	5.2	3.5	953	265	251	288	249
Lake Fork	LAK	2219	36,253	114	51	0.3	0.1	391	985	1007	993	1014
Lake Mt. Sterling	LAK	2107	36,188	679	545	1.9	1.5	439	545	584	485	516
Lake Zurich	LAK	429	35,144	2,918	2,396	8.3	6.8	874	101	148	90	122
Lakewood	LAK	2722	36,567	461	380	1.3	1.0	272	681	718	594	624
Lanark	LAN	515	35,207	70	61	0.2	0.2	844	1028	1038	979	998
Lancaster	LAN	3331	36,951	468	303	1.3	0.8	149	677	714	661	690
Landes	LAN	3130	36,822	1,657	1,581	4.5	4.3	188	230	286	163	202
Latham	LAT	2220	36,252	201	137	0.6	0.4	394	903	920	878	897
Latona	LAT	3027	36,760	1,083	721	2.9	2.0	193	362	410	379	416
Laura	LAU	1414	35,753	461	248	1.3	0.7	647	682	712	723	741
Lawrenceville	LAW	3232	36,887	3,530	3,327	9.6	9.0	161	71	123	46	80
Le Roy	LE	1923	36,066	237	195	0.7	0.5	484	861	881	793	810
Lebanon	LEB	3315	36,952	4,136	3,970	11.2	10.7	147	46	98	31	68
Lee	LEE	722	35,325	124	101	0.4	0.3	817	978	993	923	946
Leesville	LEE	1333	28,162	133	124	0.5	0.4	951	969	951	890	867
Leland	LEL	923	35,448	521	500	1.5	1.4	765	633	667	508	530
Lena	LEN	215	35,025	294	280	0.8	0.8	904	811	829	685	698
Leonore	LEO	1222	35,629	214	193	0.6	0.5	700	885	903	795	812
Lewistown	LEW	1812	36,001	1,185	594	3.3	1.7	520	332	377	455	480
Lexington	LEX	1623	35,880	226	181	0.6	0.5	573	869	888	813	832
Liberty	LIB	2205	36,251	581	380	1.6	1.1	400	601	641	596	621
Libertyville	LIB	330	35,087	1,992	1,622	5.7	4.6	885	180	231	159	189
Lick Creek	LIC	4121	37,475	898	642	2.4	1.7	18	423	478	421	465
Lima	LIM	2002	36,104	1,426	716	4.0	2.0	480	275	321	381	413
Lincoln East	LIN	2019	36,126	661	516	1.8	1.4	463	555	594	497	525
Lincoln West	LIN	2018	36,128	1,082	899	3.0	2.5	451	363	409	318	351
Lisbon	LIS	1026	35,509	349	167	1.0	0.5	739	761	783	831	843
Litchfield	LIT	2816	36,631	454	247	1.2	0.7	244	687	722	725	744
Literberry	LIT	2312	36,314	523	342	1.4	0.9	367	632	675	627	655
Lithium	LIT	3914	426	331	331	77.6	77.6	1065	781	1	639	1

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
								All	Wetland		Natural wetland	
			Total	Wetland	Natural wetland	Wetland	Natural wetland	Acres	Acres	%	Acres	%
Little Cypress	LIT	4526	7,109	2,147	1,724	30.2	24.3	1022	162	17	148	16
Little York	LIT	1308	35,693	539	481	1.5	1.4	661	623	655	519	543
Loami	LOA	2415	36,376	655	439	1.8	1.2	353	557	597	553	578
Lomax	LOM	1605	33,883	3,107	289	9.2	0.9	917	85	130	671	680
Lombard	LOM	629	35,267	2,301	1,842	6.5	5.2	823	145	196	132	164
London Mills	LON	1611	35,877	928	803	2.6	2.2	580	415	452	346	379
Long Creek	LON	2323	36,315	284	218	0.8	0.6	364	818	842	758	779
Long Island	LON	2102	34,090	6,307	631	18.5	1.9	914	15	42	432	437
Long Point	LON	1322	35,693	108	73	0.3	0.2	659	995	1012	960	978
Longview	LON	2229	36,252	45	22	0.1	0.1	396	1043	1054	1029	1045
Loogootee	LOO	3023	36,758	346	281	0.9	0.8	208	764	800	682	712
Loraine	LOR	2004	36,129	623	405	1.7	1.1	450	578	611	575	601
Loran	LOR	414	35,146	246	218	0.7	0.6	872	852	866	759	769
Louisiana	LOU	2605	7,925	964	297	12.2	3.7	1020	402	87	666	236
Louisville East	LOU	3126	36,823	1,310	1,138	3.6	3.1	181	301	352	243	284
Louisville West	LOU	3125	36,822	2,107	1,919	5.7	5.2	186	170	230	124	165
Lovington	LOV	2424	36,377	801	600	2.2	1.7	341	476	515	449	483
Lynnville	LYN	2411	36,379	401	242	1.1	0.7	336	725	757	730	749
Macedonia	MAC	3724	37,212	1,220	1,057	3.3	2.8	66	321	379	266	311
Mackinaw	MAC	1719	35,939	1,033	835	2.9	2.3	554	377	424	335	368
Macomb	MAC	1808	35,999	1,548	1,329	4.3	3.7	539	251	298	203	241
Macon East	MAC	2422	36,376	218	207	0.6	0.6	354	880	904	779	798
Macon West	MAC	2421	36,377	169	137	0.5	0.4	347	932	950	877	898
Mahomet	MAH	2026	36,128	1,321	1,239	3.7	3.4	452	300	345	220	260
Makanda	MAK	4120	37,475	846	581	2.3	1.6	20	451	505	460	501
Malden	MAL	1019	35,511	296	245	0.8	0.7	734	810	833	727	743
Manchester	MAN	2511	36,440	390	182	1.1	0.5	316	735	764	812	828
Manhattan	MAN	1030	35,509	461	441	1.3	1.2	745	680	707	550	572
Manito	MAN	1815	36,001	688	31	1.9	0.1	527	537	582	1020	1037
Manlius	MAN	1016	35,509	251	220	0.7	0.6	748	848	862	753	768
Mansfield	MAN	2025	36,125	193	69	0.5	0.2	474	909	931	970	985
Maple Park	MAP	625	35,269	363	305	1.0	0.9	822	752	770	658	679
Maquon	MAQ	1512	35,815	784	694	2.2	1.9	617	486	520	392	422
Marblehead	MAR	2303	35,069	2,437	530	7.0	1.5	897	133	184	490	511
Marengo North	MAR	325	35,086	1,890	1,669	5.4	4.8	892	197	244	154	181
Marengo South	MAR	425	35,147	771	690	2.2	2.0	862	490	519	394	419
Marine	MAR	3115	36,823	2,592	2,376	7.0	6.5	183	119	180	92	131
Marion	MAR	4022	37,409	3,759	2,107	10.1	5.6	34	62	113	110	152
Maroa	MAR	2122	36,190	785	722	2.2	2.0	421	484	524	378	412
Marquette Heights	MAR	1717	35,940	699	457	1.9	1.3	550	530	568	535	560
Marseilles	MAR	1124	35,570	514	313	1.5	0.9	707	640	670	651	673
Marshall	MAR	2632	36,502	804	591	2.2	1.6	302	475	516	457	488
Mascoutah	MAS	3415	37,017	5,546	5,291	15.0	14.3	114	20	59	12	39
Mason City	MAS	2016	36,127	984	906	2.7	2.5	456	392	439	315	349
Matherville	MAT	1109	35,570	743	635	2.1	1.8	720	504	530	427	452
Mattoon East	MAT	2627	36,505	244	141	0.7	0.4	281	855	878	870	887
Mattoon West	MAT	2626	36,505	217	96	0.6	0.3	282	882	901	928	951
Maunie	MAU	3729	33,043	1,716	1,551	5.2	4.7	928	219	253	171	187
Mazon	MAZ	1226	35,631	566	496	1.6	1.4	686	607	643	511	534
McClure	MCC	4318	30,945	4,994	4,891	16.1	15.8	938	27	54	17	31
McHenry	MCH	327	35,087	3,061	2,690	8.7	7.7	883	90	136	72	97
McLean	MCL	1920	36,064	443	345	1.2	1.0	495	698	724	623	647
McLeansboro	MCL	3725	37,212	836	621	2.3	1.7	68	460	506	437	475
McNabb	MCN	1220	35,633	40	35	0.1	0.1	682	1045	1056	1014	1034
Mechanicsburg	MEC	2318	36,316	2,034	1,851	5.6	5.1	362	172	234	130	168
Medora	MED	2812	36,628	437	284	1.2	0.8	254	703	740	678	706
Melvin East	MEL	1728	35,939	236	209	0.7	0.6	563	862	880	773	793
Melvin West	MEL	1727	35,941	54	41	0.2	0.1	547	1039	1051	1006	1027
Mendon	MEN	2103	36,186	455	209	1.3	0.6	447	686	719	772	788
Mendota East	MEN	921	35,449	155	89	0.4	0.3	758	950	965	939	956
Mendota West	MEN	920	35,448	135	103	0.4	0.3	762	965	982	920	938
Menominee	MEN	209	20,053	1,751	91	8.7	0.5	988	213	135	935	850
Meredosia	MER	2309	36,314	3,121	2,955	8.6	8.1	378	82	139	56	89

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
			Total	Wetland	Natural wetland	Wetland	Natural wetland	All	Wetland		Natural wetland	
								Acres	Acres	%	Acres	%
Mermet	MER	4323	37,608	2,848	2,511	7.6	6.7	5	102	168	85	126
Merna	MER	1723	35,938	139	130	0.4	0.4	568	963	981	886	906
Merom	MER	2933	9,502	794	731	8.4	7.7	1017	481	145	371	96
Metamora	MET	1519	35,815	263	145	0.7	0.4	622	837	858	864	879
Metropolis	MET	4424	34,204	2,633	1,849	7.7	5.4	912	115	165	131	158
Middlesworth	MID	2624	36,503	517	138	1.4	0.4	296	635	677	874	894
Middletown	MID	2117	36,185	640	501	1.8	1.4	449	564	599	507	533
Milan	MIL	1009	34,932	1,897	1,210	5.4	3.5	907	195	241	228	256
Milford	MIL	1632	35,878	619	598	1.7	1.7	578	582	615	452	477
Mill Creek	MIL	4319	37,608	1,255	1,160	3.3	3.1	4	307	370	238	286
Milledgeville	MIL	615	35,266	218	186	0.6	0.5	836	877	893	802	818
Millstadt	MIL	3413	37,016	1,002	111	2.7	0.3	127	387	440	908	929
Milton	MIL	2508	36,440	531	392	1.5	1.1	315	630	669	587	615
Mineral	MIN	1015	35,508	187	166	0.5	0.5	753	916	930	833	849
Minier	MIN	1819	36,001	337	261	0.9	0.7	526	771	798	706	724
Minonk	MIN	1421	35,754	154	141	0.4	0.4	644	951	967	872	893
Minooka	MIN	1027	35,509	2,160	1,809	6.1	5.1	740	160	215	137	170
Mokena	MOK	930	35,449	1,355	1,205	3.8	3.4	760	293	332	230	261
Momence	MOM	1232	35,630	553	513	1.6	1.4	699	614	649	499	523
Monks Mound	MON	3213	36,887	4,319	3,723	11.7	10.1	162	40	93	37	71
Monmouth	MON	1408	35,751	160	76	0.5	0.2	651	945	958	957	977
Monroe	MON	116	1,361	0	0	0.0	0.0	1052	1072	1070	1064	1058
Monticello	MON	2125	36,187	1,725	1,594	4.8	4.4	443	217	267	162	196
Montpelier	MON	1007	22,028	1,755	49	8.0	0.2	979	212	158	995	972
Moriah	MOR	2830	36,631	1,056	921	2.9	2.5	240	368	422	310	348
Morris	MOR	1126	35,569	1,522	1,048	4.3	2.9	721	257	299	268	305
Morrison	MOR	714	35,326	480	455	1.4	1.3	814	666	694	538	553
Morrisonville	MOR	2618	36,504	639	478	1.8	1.3	287	565	603	523	550
Morton	MOR	1718	35,939	708	523	2.0	1.5	555	528	560	492	520
Mount Carmel	MOU	3431	35,981	818	699	2.3	1.9	542	468	504	388	421
Mount Carroll	MOU	514	35,206	213	175	0.6	0.5	847	886	905	818	833
Mount Erie	MOU	3328	36,952	4,576	4,491	12.4	12.2	143	33	84	21	54
Mount Olive	MOU	2916	36,695	618	379	1.7	1.0	212	583	626	597	626
Mount Pulaski	MOU	2119	36,185	733	633	2.0	1.8	448	508	545	429	459
Mount Sterling	MOU	2207	36,251	415	198	1.2	0.6	402	713	746	789	805
Mt. Auburn	MT.	2319	36,312	973	852	2.7	2.3	386	397	444	328	364
Mt. Morris	MT.	518	35,206	186	162	0.5	0.5	850	917	933	837	855
Mt. Pleasant	MT.	4221	37,541	2,569	2,373	6.8	6.3	15	120	186	93	134
Mt. Vernon	MT.	3522	37,082	3,174	2,819	8.6	7.6	99	80	140	61	99
Mulberry Grove	MUL	3019	36,758	724	399	2.0	1.1	204	516	558	578	609
Murdock	MUR	2329	36,316	369	293	1.0	0.8	363	746	774	668	694
Murphysboro	MUR	3919	37,343	3,012	2,642	8.1	7.1	42	93	153	74	115
Muscatine	MUS	1005	5,476	510	260	9.3	4.8	1026	643	126	708	182
Naperville	NAP	728	35,325	2,206	1,505	6.3	4.3	815	156	207	174	203
Nashville	NAS	3518	37,079	784	567	2.1	1.5	110	485	528	469	508
Natrona	NAT	1916	36,065	114	47	0.3	0.1	487	987	1003	999	1016
Nauvoo	NAU	1702	2,480	64	1	2.6	0.0	1036	1034	455	1058	1053
Neelys Landing	NEE	4117	2,807	950	950	33.8	33.8	1034	407	12	302	8
Nekoma	NEK	1212	35,631	156	95	0.4	0.3	689	947	966	931	947
Neoga	NEO	2726	36,567	326	194	0.9	0.5	274	786	816	794	816
Neponset	NEP	1115	35,568	360	42	1.0	0.1	730	753	780	1005	1020
New Athens East	NEW	3515	37,082	5,512	4,993	14.9	13.5	95	21	60	16	45
New Athens West	NEW	3514	37,082	4,465	4,147	12.0	11.2	101	38	91	24	61
New Bedford	NEW	916	35,447	202	158	0.6	0.5	773	897	913	843	860
New Berlin	NEW	2414	36,377	329	217	0.9	0.6	340	784	814	760	778
New City	NEW	2417	36,376	1,376	1,257	3.8	3.5	352	285	336	216	259
New Diggings	NEW	111	2,092	1	1	0.0	0.0	1041	1070	1069	1061	1057
New Douglas	NEW	3016	36,759	646	494	1.8	1.3	201	560	602	512	545
New Harmony	NEW	3630	12,645	2,757	2,629	21.8	20.8	1008	108	35	75	21
New Haven	NEW	3828	37,277	1,538	1,426	4.1	3.8	55	256	311	185	230
New Haven SW	NEW	3928	37,344	2,516	2,387	6.7	6.4	37	125	188	91	132
New Holland	NEW	2017	36,126	603	559	1.7	1.6	468	590	631	477	505
New Salem	NEW	2407	36,379	349	214	1.0	0.6	333	762	792	765	782

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
								All	Wetland		Natural wetland	
			Total	Wetland	Natural wetland	Wetland	Natural wetland	Acres	Acres	%	Acres	%
New Windsor	NEW	1210	35,631	301	196	0.8	0.6	695	806	830	791	806
Newark	NEW	925	35,448	447	390	1.3	1.1	772	692	717	588	608
Newman	NEW	2330	36,314	29	27	0.1	0.1	380	1053	1061	1026	1042
Newmansville	NEW	2113	36,189	1,602	1,400	4.4	3.9	427	245	291	191	224
Newton	NEW	3028	36,759	460	306	1.3	0.8	194	683	720	657	686
Niantic	NIA	2320	36,314	964	907	2.7	2.5	376	401	447	312	350
Niota	NIO	1703	33,314	372	218	1.1	0.7	926	743	749	757	754
Noble	NOB	3228	36,887	1,969	1,821	5.3	4.9	160	186	246	135	176
Nokomis	NOK	2719	36,567	405	150	1.1	0.4	269	721	754	856	878
Nokomis SW	NOK	2718	36,567	310	182	0.9	0.5	260	797	827	811	830
Normal East	NOR	1722	35,938	165	128	0.5	0.4	567	933	954	887	905
Normal West	NOR	1721	35,939	220	112	0.6	0.3	562	874	899	906	924
Normantown	NOR	828	35,389	1,229	939	3.5	2.7	778	317	356	306	333
Norris City	NOR	3827	37,278	1,756	1,553	4.7	4.2	48	211	270	167	208
North Henderson	NOR	1310	35,695	331	232	0.9	0.7	653	780	804	742	756
Nortonville	NOR	2512	36,443	619	331	1.7	0.9	305	581	621	638	662
Nutwood	NUT	2909	36,695	4,244	369	11.6	1.0	213	42	94	604	636
O'Fallon	O'F	3314	36,952	740	393	2.0	1.1	144	506	552	585	618
Oak Hill	OAK	1515	35,815	1,389	1,197	3.9	3.3	616	281	327	231	264
Oakdale	OAK	3517	37,082	2,354	2,205	6.4	5.9	96	139	203	102	142
Oakford	OAK	2114	36,188	551	424	1.5	1.2	438	616	654	562	587
Oakland	OAK	2429	36,377	1,205	1,116	3.3	3.1	349	328	374	250	288
Oaktown	OAK	3134	165	67	67	40.5	40.5	1071	1031	7	973	5
Oakville	OAK	3411	14,331	1,826	1,782	12.7	12.4	1003	205	76	143	50
Oakwood	OAK	2131	36,188	380	222	1.1	0.6	434	738	767	751	773
Obed	OBE	2522	36,439	724	705	2.0	1.9	331	515	554	384	423
Oblong North	OBL	2930	36,694	1,041	950	2.8	2.6	223	375	428	303	343
Oblong South	OBL	3030	36,759	1,988	1,927	5.4	5.2	199	182	243	121	163
Oconee	OCO	2721	36,565	816	677	2.2	1.9	278	470	509	403	439
Odell	ODE	1325	35,690	142	26	0.4	0.1	676	957	978	1027	1043
Ohio	OHI	918	35,448	305	258	0.9	0.7	768	800	823	717	726
Ohlman	OHL	2720	36,570	443	328	1.2	0.9	255	696	729	641	667
Okawville	OKA	3417	37,016	6,697	6,487	18.1	17.5	130	14	45	8	24
Olmsted	OLM	4421	21,292	876	641	4.1	3.0	983	438	312	422	298
Olney	OLN	3229	36,887	1,342	1,119	3.6	3.0	164	296	346	247	296
Omega	OME	3223	36,887	1,172	734	3.2	2.0	159	336	387	370	410
Onarga East	ONA	1630	35,875	1,051	996	2.9	2.8	595	372	413	286	320
Onarga West	ONA	1629	35,873	596	506	1.7	1.4	599	592	634	503	529
Oneida	ONE	1312	35,693	279	72	0.8	0.2	662	823	843	966	980
Opdyke	OPD	3523	37,081	1,229	906	3.3	2.4	109	318	376	313	356
Oquawka	OQU	1406	27,211	1,251	709	4.6	2.6	961	309	282	382	340
Orangeville	ORA	216	35,028	1,008	997	2.9	2.8	899	386	423	284	309
Oraville	ORA	3918	37,343	949	768	2.5	2.1	41	408	458	358	401
Orchardville	ORC	3324	36,953	1,917	1,738	5.2	4.7	134	191	254	146	186
Oregon	ORE	519	35,207	558	318	1.6	0.9	843	610	645	648	666
Orion	ORI	1110	35,568	321	200	0.9	0.6	728	792	812	787	801
Oskaloosa	OSK	3124	36,823	625	502	1.7	1.4	178	576	622	506	541
Ottawa	OTT	1123	35,569	646	318	1.8	0.9	722	561	595	647	668
Otterville	OTT	2910	36,694	505	317	1.4	0.9	228	648	690	649	678
Owaneco	OWA	2620	36,501	374	214	1.0	0.6	304	742	772	764	781
Paderborn	PAD	3513	37,082	805	320	2.2	0.9	97	474	522	645	677
Paducah East	PAD	4525	12,263	2,148	2,032	17.5	16.6	1009	161	46	114	26
Paducah NE	PAD	4425	37,674	816	629	2.2	1.7	2	469	523	434	476
Paducah West	PAD	4524	187	35	29	18.5	15.5	1069	1049	41	1023	33
Palatine	PAL	529	35,206	1,748	1,230	5.0	3.5	849	214	262	225	252
Palmyra	PAL	2614	36,504	588	353	1.6	1.0	291	597	639	617	640
Palos Park	PAL	831	35,389	1,226	1,070	3.5	3.0	782	319	358	263	297
Pana	PAN	2621	36,504	180	69	0.5	0.2	284	920	943	971	986
Paris North	PAR	2432	36,377	477	419	1.3	1.2	350	671	704	564	592
Paris South	PAR	2532	36,441	571	439	1.6	1.2	310	606	647	552	579
Park Ridge	PAR	531	35,206	887	700	2.5	2.0	846	430	460	386	411
Patoka	PAT	3121	36,823	1,241	1,100	3.4	3.0	184	313	368	256	301
Paw Paw	PAW	822	35,389	180	125	0.5	0.4	780	921	936	889	909

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
			Total	Wetland	Natural wetland	Wetland	Natural wetland	All Acres	Wetland Acres	Wetland %	Natural wetland Acres	Natural wetland %
Pawnee	PAW	2517	36,441	393	300	1.1	0.8	314	731	760	663	691
Paxton	PAX	1829	36,000	427	338	1.2	0.9	532	708	737	630	656
Payson	PAY	2304	36,314	546	361	1.5	1.0	372	619	659	612	639
Pearl City	PEA	315	35,087	334	290	1.0	0.8	878	777	795	670	688
Pearl East	PEA	2609	36,504	1,633	1,368	4.5	3.8	283	238	287	196	235
Pearl West	PEA	2608	36,504	334	206	0.9	0.6	293	776	811	781	800
Pecatonica	PEC	319	35,083	2,630	2,597	7.5	7.4	896	116	173	78	107
Pekin	PEK	1716	35,939	4,238	973	11.8	2.7	564	43	92	293	325
Penfield	PEN	1930	36,061	555	545	1.5	1.5	510	611	652	484	513
Peoria East	PEO	1617	35,877	4,555	491	12.7	1.4	589	34	77	513	538
Peoria West	PEO	1616	35,877	2,008	999	5.6	2.8	586	176	235	283	318
Peotone	PEO	1131	35,570	577	511	1.6	1.4	719	604	638	501	521
Percy	PER	3717	37,212	1,554	812	4.2	2.2	69	250	309	342	384
Perdueville	PER	1828	35,999	103	63	0.3	0.2	538	1000	1016	978	996
Perry East	PER	2308	36,314	1,088	964	3.0	2.7	374	360	406	296	335
Perry West	PER	2307	36,311	510	415	1.4	1.1	387	644	685	568	595
Petersburg	PET	2115	36,188	1,178	1,063	3.3	2.9	435	334	381	265	307
Pinckneyville	PIN	3718	37,213	1,615	1,004	4.3	2.7	64	242	296	281	326
Pingree Grove	PIN	526	35,209	1,730	1,657	4.9	4.7	840	216	264	157	185
Piper City	PIP	1528	35,816	26	13	0.1	0.0	613	1056	1064	1037	1052
Piper City NE	PIP	1429	35,756	112	96	0.3	0.3	629	989	1005	929	949
Pittsburg	PIT	3923	37,343	2,118	1,672	5.7	4.5	39	167	232	153	193
Pittsfield	PIT	2507	36,439	371	234	1.0	0.6	329	744	777	739	760
Plainfield	PLA	928	35,448	1,370	1,163	3.9	3.3	767	288	329	237	267
Plainview	PLA	2814	36,630	1,098	889	3.0	2.4	251	355	405	320	358
Plano	PLA	825	35,387	678	595	1.9	1.7	794	546	579	454	473
Plattville	PLA	926	35,448	160	121	0.5	0.3	770	944	962	896	913
Pleasant Dale Valley	PLE	2708	35,998	696	117	1.9	0.3	541	533	572	901	920
Pleasant Hill East	PLE	2607	36,504	857	697	2.3	1.9	292	444	488	390	425
Pleasant Hill West	PLE	2606	30,002	4,690	4,071	15.6	13.6	941	31	56	28	44
Pleasant Mound	PLE	3119	36,823	1,219	562	3.3	1.5	177	322	375	475	507
Pleasant Plains	PLE	2314	36,315	319	239	0.9	0.7	366	794	819	732	751
Pleasant Valley	PLE	413	35,146	420	389	1.2	1.1	865	712	734	590	605
Plymouth	PLY	1906	36,062	1,095	974	3.0	2.7	505	356	401	292	327
Pocahontas	POC	3117	36,824	1,676	1,487	4.6	4.0	172	225	284	177	214
Polo	POL	617	35,266	116	85	0.3	0.2	835	984	1000	946	963
Pomona	POM	4019	37,409	1,638	1,314	4.4	3.5	33	237	293	209	250
Pontiac Northeast	PON	1425	35,756	119	73	0.3	0.2	630	983	999	962	983
Pontiac Northwest	PON	1424	35,755	397	264	1.1	0.7	634	729	752	701	720
Pontiac Southeast	PON	1525	35,816	611	569	1.7	1.6	604	585	616	466	496
Pontiac Southwest	PON	1524	35,816	171	74	0.5	0.2	610	931	947	959	976
Port Byron	POR	911	32,117	867	692	2.7	2.2	933	442	442	393	388
Potomac	POT	1931	36,063	752	727	2.1	2.0	503	499	531	374	406
Prairie Center	PRA	1022	35,510	108	42	0.3	0.1	737	993	1008	1004	1021
Prairie Du Rocher	PRA	3713	31,849	1,896	1,615	6.0	5.1	934	196	220	160	172
Prairietown	PRA	3014	36,759	1,353	1,030	3.7	2.8	203	294	342	273	316
Prentice	PRE	2313	36,314	443	319	1.2	0.9	379	695	728	646	674
Princeton North	PRI	1018	35,507	583	505	1.6	1.4	755	599	636	504	527
Princeton South	PRI	1118	35,570	2,138	2,063	6.0	5.8	709	164	218	113	148
Princeville	PRI	1415	35,754	285	191	0.8	0.5	642	817	837	797	817
Prophetstown	PRO	814	35,389	679	567	1.9	1.6	781	544	576	470	493
Pulaski	PUL	4420	37,673	2,521	2,262	6.7	6.0	3	124	193	101	141
Putnam	PUT	1218	35,632	1,276	579	3.6	1.6	683	305	350	461	486
Pyatts	PYA	3719	37,212	4,023	3,239	10.8	8.7	67	49	102	48	83
Quincy East	QUI	2203	36,254	481	236	1.3	0.7	390	664	701	735	753
Quincy SW	QUI	2302	7,280	2,234	934	30.7	12.8	1021	151	16	308	47
Quincy West	QUI	2202	19,484	2,790	284	14.3	1.5	991	106	66	677	519
Raddle	RAD	3917	37,343	1,400	1,295	3.8	3.5	38	279	338	212	255
Ramsey	RAM	2821	36,633	754	627	2.1	1.7	232	498	538	436	466
Ramsey Lake	RAM	2820	36,630	1,113	952	3.0	2.6	248	349	400	300	341
Rankin	RAN	1830	36,000	350	344	1.0	1.0	529	760	789	625	650
Ransom	RAN	1224	35,631	160	57	0.5	0.2	694	946	957	983	1000
Rantoul	RAN	1928	36,066	128	36	0.4	0.1	483	975	989	1013	1030

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
					Natural		Natural	All	Wetland		Natural wetland	
			Total	Wetland	wetland	Wetland	wetland	Acres	Acres	%	Acres	%
Raritan	RAR	1607	35,874	137	106	0.4	0.3	598	964	984	916	939
Ray	RAY	2010	36,126	886	669	2.4	1.9	465	433	473	407	438
Raymond	RAY	2717	36,567	335	93	0.9	0.3	268	772	806	934	954
Raymond NE	RAY	2617	36,503	74	5	0.2	0.0	300	1023	1040	1054	1064
Red Bud	RED	3614	37,147	4,101	3,954	11.0	10.6	87	47	101	32	69
Redmon	RED	2431	36,374	28	8	0.1	0.0	357	1054	1062	1049	1060
Reevesville	REE	4324	37,607	3,026	2,812	8.1	7.5	8	92	156	63	102
Renault	REN	3612	37,147	2,132	2,025	5.7	5.5	83	165	228	115	156
Rend Lake Dam	REN	3722	37,212	4,252	1,373	11.4	3.7	74	41	95	195	240
Repton	REP	4229	3,028	397	329	13.1	10.9	1033	727	72	640	66
Reynolds	REY	1108	35,570	163	73	0.5	0.2	710	939	955	964	982
Richfield	RIC	2305	36,314	424	198	1.2	0.6	377	711	741	788	804
Richmond	RIC	227	33,508	2,630	2,520	7.9	7.5	924	117	162	83	101
Ridgway	RID	3927	37,342	2,505	2,426	6.7	6.5	46	128	191	87	129
Ridott	RID	318	35,086	1,672	1,665	4.8	4.7	888	226	268	155	183
Riley	RIL	424	35,146	594	550	1.7	1.6	867	593	624	481	500
Ripley	RIP	2108	36,189	1,104	970	3.1	2.7	425	351	399	295	328
Rising	RIS	2027	36,127	353	289	1.0	0.8	455	756	785	672	696
River Forest	RIV	631	35,266	330	301	0.9	0.9	832	782	801	662	682
Roanoke	ROA	1520	35,815	177	104	0.5	0.3	618	925	945	919	936
Rochelle	ROC	621	35,267	253	123	0.7	0.4	824	845	859	895	907
Rockford North	ROC	321	35,085	339	184	1.0	0.5	894	770	786	807	820
Rockford South	ROC	421	35,148	1,037	976	2.9	2.8	861	376	412	290	319
Rockport	ROC	2505	31,581	2,377	1,326	7.5	4.2	935	137	170	205	205
Rockwood	ROC	3916	22,732	1,904	1,840	8.4	8.1	974	193	144	133	90
Rome	ROM	1417	35,753	1,135	933	3.2	2.6	649	346	388	309	338
Romeoville	ROM	829	35,387	2,989	2,704	8.5	7.6	792	97	142	71	98
Roodhouse East	ROO	2611	36,501	1,622	1,398	4.4	3.8	303	240	290	192	229
Roodhouse West	ROO	2610	36,504	504	366	1.4	1.0	285	649	689	607	638
Rose Hill	ROS	2928	36,694	1,334	1,168	3.6	3.2	229	297	347	236	275
Roseville	ROS	1608	35,878	163	118	0.5	0.3	576	937	963	899	917
Rosiclare	ROS	4227	19,660	937	719	4.8	3.7	990	411	266	380	244
Royal	ROY	2030	36,125	68	55	0.2	0.2	475	1030	1044	988	1011
Rozetta	ROZ	1407	35,755	193	100	0.5	0.3	636	911	927	925	945
Rudement	RUD	4026	37,411	4,043	3,703	10.8	9.9	26	48	103	38	73
Rushville North	RUS	2009	36,125	619	419	1.7	1.2	471	580	618	565	590
Rushville South	RUS	2109	36,188	892	609	2.5	1.7	428	426	467	442	471
Russellville	RUS	3133	31,149	1,911	1,760	6.1	5.6	937	192	213	144	150
Sag Bridge	SAG	830	35,386	2,568	2,296	7.3	6.5	796	121	178	100	130
Sailor Springs	SAI	3127	36,822	1,351	1,193	3.7	3.2	187	295	344	232	272
Salem North	SAL	3222	36,887	880	660	2.4	1.8	163	436	483	412	450
Salem South	SAL	3322	36,952	1,443	1,180	3.9	3.2	145	271	324	235	274
Saline Mines	SAL	4128	35,270	1,486	1,355	4.2	3.8	819	262	306	199	227
Salisbury	SAL	2215	36,251	1,286	1,104	3.6	3.0	397	303	353	253	292
Sandford	SAN	2533	27,116	403	336	1.5	1.2	962	723	664	634	571
Saunemin	SAU	1426	35,753	217	202	0.6	0.6	648	883	897	786	797
Savanna	SAV	512	9,543	1,229	1	12.9	0.0	1016	316	74	1059	1063
Saybrook	SAY	1825	36,001	133	109	0.4	0.3	521	967	986	912	934
Scales Mound East	SCA	212	35,026	130	104	0.4	0.3	901	973	985	918	933
Scales Mound West	SCA	211	35,024	31	21	0.1	0.1	905	1052	1059	1030	1046
Scottland	SCO	2333	26,664	304	283	1.1	1.1	967	801	747	680	620
Scottville	SCO	2613	36,503	436	146	1.2	0.4	297	704	733	863	882
Seaton	SEA	1307	35,694	986	956	2.8	2.7	655	391	433	298	330
Secor	SEC	1620	35,877	839	604	2.3	1.7	583	457	492	445	472
Selma	SEL	3611	19,962	2,755	2,735	13.8	13.7	989	109	68	69	42
Seneca	SEN	1125	35,570	1,276	797	3.6	2.2	712	306	348	350	378
Serena	SER	1024	35,509	335	271	0.9	0.8	749	773	799	693	711
Sesser	SES	3721	37,213	2,328	1,692	6.3	4.6	63	141	204	151	190
Seward	SEW	419	35,148	554	506	1.6	1.4	860	612	646	502	522
Seymour	SEY	2126	36,187	161	132	0.5	0.4	442	942	961	882	902
Shabbona Grove	SHA	823	35,388	101	73	0.3	0.2	787	1002	1015	961	979
Shannon	SHA	416	35,143	71	65	0.2	0.2	876	1024	1037	974	990
Shawneetown	SHA	4028	32,570	1,662	1,303	5.1	4.0	930	228	258	210	218
Shelbyville	SHE	2623	36,507	407	308	1.1	0.8	279	719	751	655	683

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
								All	Wetland		Natural wetland	
			Total	Wetland	Natural wetland	Wetland	Natural wetland	Acres	Acres	%	Acres	%
Sheldon	SHE	1533	28,446	244	236	0.9	0.8	944	856	824	736	689
Sheridan	SHE	924	35,448	857	727	2.4	2.1	764	445	476	375	402
Shetlerville	SHE	4226	27,877	1,452	1,315	5.2	4.7	956	270	252	208	184
Shields	SHI	3424	37,017	1,618	1,422	4.4	3.8	120	241	295	186	226
Shipman	SHI	2913	36,695	454	102	1.2	0.3	214	688	723	922	942
Shirland	SHI	220	34,374	3,800	3,774	11.1	11.0	910	57	100	34	64
Shullsburg	SHU	112	2,240	7	6	0.3	0.3	1038	1061	1001	1053	940
Shumway	SHU	2824	36,629	273	184	0.7	0.5	252	830	854	808	831
Sibley	SIB	1726	35,938	92	55	0.3	0.2	565	1005	1022	985	1006
Sidell	SID	2231	36,249	88	45	0.2	0.1	415	1010	1027	1001	1022
Silvis	SIL	910	12,714	772	638	6.1	5.0	1007	489	216	425	173
Smithfield	SMI	1811	35,998	823	722	2.3	2.0	540	464	501	377	409
Smithland	SMI	4426	15,235	2,197	1,838	14.4	12.1	1000	158	64	134	55
Snyder	SNY	2732	36,568	842	683	2.3	1.9	257	453	497	398	432
Solitude	SOL	3730	4,117	893	888	21.7	21.6	1029	425	36	321	19
Somonauk	SOM	824	35,388	590	528	1.7	1.5	783	596	632	491	518
Sorento North	SOR	2917	36,694	1,708	1,464	4.7	4.0	230	220	278	180	219
Sorento South	SOR	3017	36,759	1,376	1,151	3.7	3.1	198	284	340	240	279
South Beloit	SOU	221	34,041	1,425	1,256	4.2	3.7	915	276	308	217	242
South Pekin	SOU	1816	35,999	844	812	2.3	2.3	537	452	491	341	376
South Wayne	SOU	114	1,666	9	9	0.6	0.6	1048	1059	925	1044	808
Spring Bay	SPR	1517	35,816	9,137	504	25.5	1.4	614	7	25	505	528
Spring Garden	SPR	3623	37,147	1,328	1,043	3.6	2.8	84	299	351	271	312
Spring Hill	SPR	913	35,448	499	452	1.4	1.3	771	654	681	542	555
Spring Valley	SPR	1120	35,568	1,334	1,240	3.8	3.5	727	298	339	219	253
Springbrook	SPR	410	1,434	974	0	67.9	0.0	1051	395	2	0	0
Springerton	SPR	3627	37,146	1,904	1,788	5.1	4.8	88	194	257	140	179
Springfield East	SPR	2317	36,314	2,843	2,521	7.8	6.9	375	103	163	82	119
Springfield West	SPR	2316	36,312	2,235	1,972	6.2	5.4	384	150	212	119	157
St. Anne	ST.	1332	35,693	83	56	0.2	0.2	658	1016	1031	984	1001
St. Bernice	ST.	2433	26,853	625	568	2.3	2.1	964	577	493	468	396
St. David	ST.	1813	36,001	1,919	491	5.3	1.4	519	190	247	514	540
St. Francisville	ST.	3332	30,749	1,810	1,703	5.9	5.5	939	207	225	150	155
St. Jacob	ST.	3215	36,888	3,546	3,339	9.6	9.1	157	70	122	45	79
St. Joseph	ST.	2129	36,186	887	834	2.4	2.3	446	432	471	336	370
St. Libory	ST.	3516	37,084	2,446	2,336	6.6	6.3	94	132	195	94	135
St. Paul	ST.	3122	36,824	1,073	906	2.9	2.5	173	365	416	314	353
St. Rose	ST.	3217	36,887	853	685	2.3	1.9	166	446	496	396	435
Stanford	STA	1820	36,001	253	223	0.7	0.6	524	846	868	749	770
Starved Rock	STA	1122	35,570	1,026	542	2.9	1.5	708	379	421	486	509
Stavanger	STA	1025	35,510	254	184	0.7	0.5	738	843	863	806	822
Ste. Genevieve	STE	3813	1,657	629	629	37.9	37.9	1049	571	8	435	6
Ste. Marie	STE	3029	36,759	1,120	963	3.1	2.6	196	348	397	297	337
Steeleville	STE	3716	37,212	1,786	1,439	4.8	3.9	70	209	265	182	223
Steger	STE	1032	35,509	909	741	2.6	2.1	744	422	456	368	400
Sterling	STE	716	35,327	687	489	1.9	1.4	808	539	566	516	535
Steward	STE	721	35,326	132	91	0.4	0.3	813	970	987	936	953
Stewardson East	STE	2725	36,567	334	275	0.9	0.8	265	775	810	687	715
Stewardson West	STE	2724	36,567	437	350	1.2	1.0	273	702	735	621	648
Stillman Valley	STI	520	35,208	643	575	1.8	1.6	841	562	593	463	487
Stockland	STO	1733	28,430	46	46	0.2	0.2	945	1042	1050	1000	1004
Stockton	STO	313	35,087	75	39	0.2	0.1	881	1022	1035	1009	1026
Stolletown	STO	3218	36,888	4,469	4,398	12.1	11.9	153	37	89	23	57
Stonefort	STO	4124	37,475	1,142	1,018	3.1	2.7	21	344	398	276	324
Stonington	STO	2420	36,375	154	114	0.4	0.3	356	952	971	904	926
Stoy	STO	3031	36,759	2,298	2,115	6.3	5.8	202	146	208	108	149
Streamwood	STR	528	35,207	2,022	1,600	5.7	4.6	845	174	227	161	191
Streator North	STR	1223	35,630	367	274	1.0	0.8	698	747	771	689	707
Streator South	STR	1323	35,694	259	220	0.7	0.6	657	841	860	754	767
Stronghurst	STR	1606	35,877	282	203	0.8	0.6	588	820	845	783	795
Sublette	SUB	820	35,387	332	273	0.9	0.8	795	779	797	690	708
Sugar Grove	SUG	726	35,327	1,162	1,005	3.3	2.8	807	340	378	280	310
Sullivan	SUL	2525	36,440	1,704	328	4.7	0.9	317	221	275	642	665
Summer Hill	SUM	2506	36,440	410	304	1.1	0.8	321	717	750	660	687

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
					Natural		Natural	All	Wetland		Natural wetland	
			Total	Wetland	wetland	Wetland	wetland	Acres	Acres	%	Acres	%
Summerville	SUM	2813	36,631	722	353	2.0	1.0	236	517	559	616	646
Sumner	SUM	3231	36,888	375	228	1.0	0.6	158	741	776	747	766
Sutter	SUT	1903	36,064	696	615	1.9	1.7	491	534	575	440	467
Sycamore	SYC	624	35,264	371	231	1.1	0.7	837	745	768	743	750
Symerton	SYM	1129	35,567	889	802	2.5	2.3	731	428	463	348	375
Tallula	TAL	2214	36,250	273	195	0.8	0.5	413	829	852	792	809
Tamaroa	TAM	3620	37,144	1,294	1,014	3.5	2.7	93	302	355	277	322
Tamms	TAM	4419	37,674	6,220	6,137	16.5	16.3	1	16	50	9	28
Tampico	TAM	815	35,387	425	378	1.2	1.1	793	710	730	598	617
Taylorville	TAY	2519	36,440	2,278	2,124	6.3	5.8	323	148	206	107	146
Teutopolis	TEU	2826	36,631	302	168	0.8	0.5	245	803	834	830	851
Thackeray	THA	3726	37,213	1,169	988	3.1	2.7	65	337	393	289	332
Thebes	THE	4418	22,298	2,485	2,415	11.2	10.8	977	129	99	88	67
Thebes SW	THE	4518	2,026	452	451	22.3	22.3	1044	689	30	543	18
Thomasboro	THO	2028	36,126	152	88	0.4	0.2	466	954	970	942	961
Thompsonville	THO	3823	37,278	3,305	2,932	8.9	7.9	49	76	132	58	93
Thomson	THO	613	35,267	685	148	1.9	0.4	828	542	567	860	872
Tilden	TIL	3616	37,147	1,741	1,349	4.7	3.6	79	215	274	200	245
Tinley Park	TIN	931	35,445	1,215	1,078	3.4	3.0	776	323	362	261	293
Tioga	TIO	2003	36,126	1,095	863	3.0	2.4	467	357	403	326	360
Todds Mill	TOD	3619	37,147	2,998	2,773	8.1	7.5	80	96	155	65	103
Toledo	TOL	2728	36,567	944	810	2.6	2.2	271	410	453	343	382
Tolono	TOL	2227	36,251	88	36	0.2	0.1	407	1011	1026	1012	1032
Tonica	TON	1221	35,629	68	60	0.2	0.2	702	1029	1043	981	999
Toolesboro	TOO	1205	14,939	3,270	1,788	21.9	12.0	1001	77	34	141	56
Topeka	TOP	1914	36,064	978	663	2.7	1.8	489	394	441	411	441
Tower Hill	TOW	2622	36,506	438	375	1.2	1.0	280	701	731	600	630
Trenton	TRE	3316	36,953	1,284	1,158	3.5	3.1	131	304	357	239	280
Troy Grove	TRO	1021	35,508	377	297	1.1	0.8	752	739	766	665	684
Tuscola	TUS	2327	36,311	287	155	0.8	0.4	388	813	839	850	868
Union Center	UNI	2729	36,567	661	522	1.8	1.4	264	554	596	493	526
Union Grove	UNI	713	35,327	245	208	0.7	0.6	810	854	872	776	786
Urbana	URB	2128	36,188	104	29	0.3	0.1	430	999	1018	1022	1040
Valmeyer	VAL	3511	34,949	3,602	2,764	10.3	7.9	906	67	111	67	92
Vandalia	VAN	3021	36,758	2,716	2,446	7.4	6.7	207	112	174	86	127
Varna	VAR	1320	35,693	106	87	0.3	0.2	663	997	1014	943	965
Venedy	VEN	3416	37,016	9,870	9,785	26.7	26.4	129	6	20	2	10
Vera	VER	2921	36,695	2,481	2,298	6.8	6.3	218	130	187	99	136
Vergennes	VER	3819	37,278	3,456	2,767	9.3	7.4	54	72	127	66	105
Vermont	VER	1910	36,064	709	334	2.0	0.9	492	526	557	637	659
Versailles	VER	2208	36,251	445	238	1.2	0.7	408	693	726	733	748
Victoria	VIC	1313	35,692	1,016	188	2.8	0.5	668	384	427	799	815
Vienna	VIE	4222	37,541	3,152	2,899	8.4	7.7	12	81	143	59	95
Villa Grove	VIL	2328	36,314	678	610	1.9	1.7	369	548	587	441	474
Villa Grove NW	VIL	2228	36,251	460	453	1.3	1.3	406	685	715	540	569
Vincennes	VIN	3233	21,478	1,973	1,539	9.2	7.2	982	185	129	172	112
Viola	VIO	1209	35,628	517	408	1.5	1.1	704	636	671	574	594
Virden North	VIR	2515	36,441	233	171	0.6	0.5	309	864	886	825	848
Virden South	VIR	2615	36,504	391	262	1.1	0.7	286	733	762	703	728
Virginia	VIR	2212	36,251	220	89	0.6	0.3	410	876	898	938	955
Wabash Island	WAB	3929	21,631	4,178	4,074	19.3	18.8	980	45	39	27	22
Wacker	WAC	513	35,206	840	410	2.4	1.2	851	454	482	573	589
Wadsworth	WAD	230	33,454	3,240	3,050	9.7	9.1	925	78	117	54	78
Wakefield	WAK	3128	36,823	533	395	1.5	1.1	179	628	672	583	616
Walnut	WAL	917	35,447	202	160	0.6	0.5	774	899	914	841	861
Walnut Hill	WAL	3421	37,017	1,437	1,124	3.9	3.0	121	272	326	246	291
Walpole	WAL	3825	37,277	1,387	1,250	3.7	3.4	60	283	341	218	262
Walsh	WAL	3715	37,214	709	292	1.9	0.8	62	527	581	669	703
Waltersburg	WAL	4225	37,541	1,030	813	2.7	2.2	14	378	437	340	386
Walton	WAL	818	35,390	836	764	2.4	2.2	777	459	485	361	390
Waltonville	WAL	3621	37,146	3,766	1,896	10.1	5.1	90	61	112	126	167
Ware	WAR	4218	22,132	3,797	3,593	17.2	16.2	978	58	47	39	29
Warren	WAR	214	35,026	176	167	0.5	0.5	903	926	940	832	841
Warrensburg	WAR	2221	36,248	233	171	0.6	0.5	418	863	885	826	847

Quadrangle	Abbr.	Grid no.	Acres			% of total		Rank				
			Total	Wetland	Natural wetland	Wetland	Natural wetland	All Acres	Wetland Acres	Wetland %	Natural wetland Acres	Natural wetland %
Warsaw	WAR	1902	28,064	1,652	465	5.9	1.7	952	233	223	530	478
Washburn	WAS	1419	35,757	687	569	1.9	1.6	627	540	577	467	495
Washington	WAS	1618	35,879	674	457	1.9	1.3	575	552	586	537	561
Wataga	WAT	1311	35,689	103	77	0.3	0.2	678	1001	1019	956	974
Waterloo	WAT	3512	37,082	884	595	2.4	1.6	103	434	484	453	489
Waterman	WAT	723	35,327	85	54	0.2	0.2	811	1014	1025	989	1007
Watseka	WAT	1532	35,815	721	706	2.0	2.0	621	518	550	383	415
Wauconda	WAU	328	35,086	5,415	4,996	15.4	14.2	886	23	57	15	40
Waukegan	WAU	331	13,414	195	161	1.5	1.2	1004	907	673	839	580
Waverly	WAV	2514	36,440	347	235	1.0	0.6	325	763	794	738	761
Wayne City	WAY	3525	37,081	1,546	1,414	4.2	3.8	107	252	310	188	233
Waynesville East	WAY	2021	36,126	208	141	0.6	0.4	457	891	910	871	889
Waynesville West	WAY	2020	36,126	231	149	0.6	0.4	469	865	883	859	880
Webster Groves	WEB	3311	1,237	156	156	12.6	12.6	1055	949	80	849	49
Wedron	WED	1023	35,509	408	336	1.2	1.0	741	718	743	636	651
Weldon East	WEL	2124	36,188	475	371	1.3	1.0	440	672	705	602	629
Weldon West	WEL	2123	36,191	175	143	0.5	0.4	419	929	948	869	891
Welge	WEL	3816	37,278	1,211	994	3.3	2.7	53	326	383	287	331
Wellington	WEL	1732	35,937	463	459	1.3	1.3	570	679	711	533	557
Wenona	WEN	1321	35,694	130	89	0.4	0.3	656	974	990	940	957
West Chicago	WES	628	35,267	2,653	2,149	7.5	6.1	831	114	171	106	140
West Frankfort	WES	3822	37,278	8,209	7,992	22.0	21.4	50	10	33	4	20
West Kankakee	WES	1330	35,692	309	259	0.9	0.7	671	799	821	714	730
West Point	WES	1904	36,060	1,019	876	2.8	2.4	511	381	429	323	359
West Salem	WES	3329	36,952	917	746	2.5	2.0	136	418	466	365	404
West Union	WES	2832	34,192	1,208	1,118	3.5	3.3	913	327	354	249	270
Westfield East	WES	2630	36,504	973	890	2.7	2.4	288	396	446	319	357
Westfield West	WES	2629	36,503	738	512	2.0	1.4	298	507	546	500	531
Wheaton	WHE	729	35,327	1,415	1,045	4.0	3.0	804	277	317	269	304
Wheeler	WHE	2927	36,695	261	153	0.7	0.4	222	839	864	853	873
Wheeling	WHE	430	35,147	1,610	1,223	4.6	3.5	863	244	283	226	254
Whitefield	WHI	1217	35,633	199	158	0.6	0.4	681	905	919	844	864
Wildcat Lake	WIL	3120	36,824	10,934	5,151	29.7	14.0	171	4	18	13	41
Willeys	WIL	2520	36,442	1,435	1,325	3.9	3.6	308	274	322	206	246
Williamsfield	WIL	1413	35,753	936	314	2.6	0.9	646	412	450	650	672
Williamsville	WIL	2217	36,254	675	483	1.9	1.3	389	551	590	518	546
Willisville	WIL	3817	37,277	760	413	2.0	1.1	59	494	540	570	602
Wilmington	WIL	1128	35,570	2,291	1,558	6.4	4.4	718	147	199	166	197
Wilton Center	WIL	1130	35,569	298	280	0.8	0.8	724	807	831	684	702
Winchester	WIN	2410	36,377	448	245	1.2	0.7	339	691	725	728	745
Windsor	WIN	2625	36,504	201	187	0.6	0.5	294	901	922	800	825
Winfield	WIN	3008	9,836	275	231	2.8	2.3	1015	825	431	744	362
Winkle	WIN	3618	37,150	1,765	1,516	4.8	4.1	77	210	269	173	211
Winnebago	WIN	320	35,084	682	631	2.0	1.8	895	543	565	433	449
Wolf Lake	WOL	4118	35,890	4,721	4,543	13.2	12.7	572	29	71	19	48
Wood River	WOO	3113	35,361	3,045	2,401	8.6	6.8	798	91	138	89	124
Woodbury	WOO	2827	36,631	450	324	1.2	0.9	239	690	727	644	670
Woodhull	WOO	1211	35,631	243	169	0.7	0.5	692	858	874	828	846
Woodlawn	WOO	3521	37,081	3,006	2,746	8.1	7.4	108	94	151	68	106
Woodstock	WOO	326	35,086	2,556	2,316	7.3	6.6	889	122	177	98	128
Woodworth	WOO	1631	35,877	110	108	0.3	0.3	584	992	1009	913	935
Worden	WOR	3015	36,760	1,051	841	2.9	2.3	191	371	426	333	371
Wyanet	WYA	1117	35,568	651	534	1.8	1.5	729	558	592	489	517
Wyatt	WYA	4620	3,129	816	816	26.1	26.1	1032	471	22	338	11
Wyoming	WYO	1315	35,693	365	226	1.0	0.6	660	751	773	748	763
Xenia	XEN	3224	36,887	1,855	1,627	5.0	4.4	168	202	260	158	195
Xenia NE	XEN	3225	36,888	1,468	1,292	4.0	3.5	152	264	320	213	251
Yale	YAL	2929	36,695	790	684	2.2	1.9	220	483	526	397	436
Yates City	YAT	1513	35,816	695	337	1.9	0.9	607	535	569	633	654
Yorktown	YOR	915	35,448	218	99	0.6	0.3	766	879	896	926	944
Yorkville	YOR	826	35,387	1,071	802	3.0	2.3	791	366	402	347	374
Yorkville SE	YOR	927	35,449	346	310	1.0	0.9	761	765	784	653	676
Zion	ZIO	231	19,216	2,963	2,812	15.4	14.6	992	98	58	62	36

APPENDIX E

Summary of data for Illinois wetlands and deepwater habitats by county, 1980–1987

Table E1. Summary of data for all wetlands, natural wetlands, and modified/artificial wetlands in Illinois by county, 1980–1987.

County	Total acres	All wetlands				Natural				Modified/artificial			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
Adams	551,553	21,248	15	3.9	44	6,788	47	1.2	73	14,460	4	2.6	9
Alexander	160,469	23,529	13	14.7	1	23,030	6	14.4	1	499	95	0.3	79
Bond	242,322	9,072	56	3.7	45	7,163	41	3.0	35	1,908	52	0.8	41
Boone	179,120	4,185	89	2.3	62	4,038	76	2.3	43	147	102	0.1	100
Brown	194,458	3,750	93	1.9	71	2,467	90	1.3	70	1,283	67	0.7	47
Bureau	554,218	12,292	42	2.2	64	6,883	45	1.2	72	5,409	19	1.0	31
Calhoun	179,640	18,556	23	10.3	4	3,779	77	2.1	48	14,777	3	8.2	1
Carroll	296,131	6,060	73	2.1	69	1,952	96	0.7	95	4,108	27	1.4	23
Cass	243,334	17,616	26	7.2	15	8,208	40	3.4	34	9,408	8	3.9	3
Champaign	632,147	5,928	75	0.9	97	5,087	65	0.8	92	841	83	0.1	96
Christian	452,857	11,391	44	2.5	59	9,753	32	2.2	45	1,638	56	0.4	72
Clark	319,508	7,357	66	2.3	63	5,776	58	1.8	53	1,581	57	0.5	61
Clay	297,117	16,544	30	5.6	26	15,378	20	5.2	20	1,166	72	0.4	70
Clinton	318,628	35,349	2	11.1	2	30,734	1	9.7	3	4,615	22	1.5	22
Coles	323,089	5,240	82	1.6	80	4,291	71	1.3	64	948	78	0.3	80
Cook	607,261	18,966	21	3.1	51	15,200	21	2.5	40	3,767	32	0.6	50
Crawford	281,838	12,431	41	4.4	37	11,173	31	4.0	26	1,258	68	0.5	64
Cumberland	219,489	3,674	95	1.7	78	2,832	89	1.3	67	842	82	0.4	71
DeKalb	402,704	4,072	90	1.0	95	3,618	80	0.9	85	453	97	0.1	99
DeWitt	256,452	2,776	100	1.1	93	2,151	94	0.8	89	625	89	0.2	86
Douglas	264,212	3,722	94	1.4	83	3,305	84	1.3	71	416	98	0.2	94
DuPage	213,476	11,016	47	5.2	29	8,232	39	3.9	28	2,784	36	1.3	25
Edgar	394,860	3,769	91	1.0	96	3,257	86	0.8	90	512	94	0.1	98
Edwards	140,953	5,779	76	4.1	41	4,894	67	3.5	33	885	81	0.6	49
Effingham	303,955	5,228	83	1.7	76	4,147	73	1.4	63	1,081	73	0.4	74
Fayette	459,254	25,847	7	5.6	24	17,269	14	3.8	31	8,578	9	1.9	16
Ford	308,094	1,264	101	0.4	102	862	101	0.3	102	402	99	0.1	97
Franklin	273,296	27,880	5	10.2	5	22,953	7	8.4	5	4,927	20	1.8	18
Fulton	559,507	23,721	12	4.2	39	7,163	42	1.3	68	16,558	2	3.0	6
Gallatin	207,810	17,980	25	8.7	8	16,948	15	8.2	6	1,032	76	0.5	60
Greene	346,252	8,926	57	2.6	58	6,390	52	1.9	50	2,536	40	0.7	43
Grundy	272,950	8,817	58	3.2	50	6,385	53	2.3	42	2,432	44	0.9	35
Hamilton	275,902	7,985	60	2.9	54	6,773	50	2.4	41	1,212	69	0.4	65
Hancock	515,560	12,817	39	2.5	60	8,753	37	1.7	55	4,064	29	0.8	40
Hardin	114,277	3,501	96	3.1	52	2,899	88	2.5	39	602	90	0.5	56
Henderson	250,584	11,158	46	4.5	35	4,124	74	1.7	57	7,034	13	2.8	7
Henry	523,022	5,422	80	1.0	94	3,673	79	0.7	94	1,749	55	0.3	77
Iroquois	709,175	9,739	53	1.4	85	9,211	35	1.3	66	528	93	0.1	101
Jackson	383,493	36,360	1	9.5	7	30,649	2	8.0	7	5,711	15	1.5	21
Jasper	315,429	7,663	64	2.4	61	6,379	54	2.0	49	1,284	66	0.4	66
Jefferson	369,621	25,624	8	6.9	19	15,454	18	4.2	24	10,169	7	2.8	8
Jersey	238,917	6,559	69	2.8	56	2,053	95	0.9	88	4,506	23	1.9	15
Jo Daviess	392,650	8,683	59	2.2	65	1,582	99	0.4	101	7,102	12	1.8	17
Johnson	220,832	16,155	32	7.3	14	14,686	24	6.7	9	1,468	60	0.7	46
Kane	332,583	10,144	51	3.1	53	8,566	38	2.6	38	1,578	58	0.5	62
Kankakee	431,755	5,619	78	1.3	88	4,803	68	1.1	77	816	84	0.2	91
Kendall	204,431	2,781	99	1.4	86	2,187	93	1.1	79	593	91	0.3	81
Knox	455,909	7,959	62	1.8	74	3,752	78	0.8	91	4,207	25	0.9	33
Lake	298,839	33,087	4	11.1	3	30,492	3	10.2	2	2,595	39	0.9	37
LaSalle	727,986	9,296	55	1.3	89	6,786	48	0.9	84	2,510	41	0.3	76
Lawrence	236,663	15,051	34	6.4	21	13,654	26	5.8	15	1,397	63	0.6	52
Lee	462,209	5,387	81	1.2	90	4,100	75	0.9	86	1,288	65	0.3	83
Livingston	662,753	4,498	86	0.7	99	3,455	82	0.5	98	1,042	75	0.2	95
Logan	391,877	6,211	71	1.6	82	5,202	62	1.3	65	1,009	77	0.3	84
Macon	370,939	6,031	74	1.6	79	4,706	69	1.3	69	1,325	64	0.4	73
Macoupin	549,074	10,053	52	1.8	72	5,853	57	1.1	80	4,200	26	0.8	42
Madison	468,445	22,113	14	4.7	30	18,011	11	3.8	29	4,102	28	0.9	36
Marion	364,633	15,047	35	4.1	40	12,679	28	3.5	32	2,368	46	0.7	48
Marshall	252,808	7,151	67	2.8	55	1,653	97	0.7	96	5,498	17	2.2	12
Mason	355,727	25,395	9	7.1	17	5,169	63	1.5	60	20,226	1	5.7	2
Massac	153,151	11,275	45	7.4	13	9,297	33	6.1	13	1,978	49	1.3	26
McDonough	373,708	7,966	61	2.1	67	6,799	46	1.8	51	1,167	71	0.3	78
McHenry	387,915	24,095	11	6.2	22	21,992	8	5.7	17	2,104	48	0.5	54

County	Total acres	All wetlands				Natural				Modified/artificial			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
McLean	751,388	4,637	85	0.6	101	3,446	83	0.5	99	1,192	70	0.2	93
Menard	199,601	4,274	87	2.1	66	3,571	81	1.8	54	703	86	0.4	75
Mercer	359,720	11,922	43	3.3	48	6,510	51	1.8	52	5,411	18	1.5	20
Monroe	251,781	17,461	27	6.9	18	15,086	22	6.0	14	2,375	45	0.9	32
Montgomery	449,236	7,798	63	1.7	75	5,092	64	1.1	76	2,706	37	0.6	51
Morgan	362,701	6,170	72	1.7	77	4,210	72	1.2	75	1,961	51	0.5	55
Moultrie	217,814	4,251	88	2.0	70	1,600	98	0.7	93	2,651	38	1.2	28
Ogle	484,561	5,499	79	1.1	91	4,565	70	0.9	82	935	79	0.2	89
Peoria	399,182	17,111	28	4.3	38	6,777	49	1.7	56	10,334	6	2.6	10
Perry	283,096	21,248	16	7.5	11	17,436	12	6.2	12	3,812	31	1.4	24
Piatt	278,155	3,752	92	1.4	87	3,290	85	1.2	74	462	96	0.2	92
Pike	536,318	21,197	17	4.0	43	14,332	25	2.7	37	6,865	14	1.3	27
Pope	237,144	10,969	48	4.6	33	9,007	36	3.8	30	1,962	50	0.8	38
Pulaski	128,751	12,511	40	9.7	6	11,455	30	8.9	4	1,057	74	0.8	39
Putnam	109,134	5,040	84	4.6	34	1,034	100	1.0	81	4,005	30	3.7	5
Randolph	376,749	25,055	10	6.7	20	21,666	9	5.8	16	3,389	34	0.9	34
Richland	229,131	10,168	50	4.4	36	9,237	34	4.0	25	931	80	0.4	67
Rock Island	286,170	13,456	38	4.7	32	6,066	55	2.1	47	7,390	11	2.6	11
Saline	245,006	18,233	24	7.4	12	15,800	16	6.5	11	2,433	43	1.0	30
Sangamon	555,423	15,186	33	2.7	57	12,291	29	2.2	44	2,895	35	0.5	57
Schuyler	279,499	10,270	49	3.7	46	5,971	56	2.1	46	4,299	24	1.5	19
Scott	159,637	2,887	98	1.8	73	2,241	91	1.4	61	646	88	0.4	68
Shelby	486,371	6,773	68	1.4	84	5,369	61	1.1	78	1,405	62	0.3	82
St. Clair	426,630	33,293	3	7.8	9	28,676	4	6.7	8	4,617	21	1.1	29
Stark	182,827	1,171	102	0.6	100	819	102	0.5	100	352	100	0.2	90
Stephenson	358,389	5,770	77	1.6	81	5,555	60	1.6	59	214	101	0.1	102
Tazewell	416,801	13,804	36	3.3	49	5,751	59	1.4	62	8,053	10	1.9	14
Union	267,416	19,237	20	7.2	16	17,392	13	6.5	10	1,845	53	0.7	45
Vermilion	570,680	6,456	70	1.1	92	4,993	66	0.9	87	1,463	61	0.3	85
Wabash	144,043	7,512	65	5.2	28	6,943	43	4.8	23	568	92	0.4	69
Warren	344,530	2,990	97	0.9	98	2,239	92	0.7	97	751	85	0.2	87
Washington	356,935	19,908	19	5.6	25	18,079	10	5.1	21	1,830	54	0.5	58
Wayne	452,962	27,201	6	6.0	23	24,896	5	5.5	19	2,306	47	0.5	59
White	317,751	16,911	29	5.3	27	15,438	19	4.9	22	1,473	59	0.5	63
Whiteside	442,558	9,386	54	2.1	68	6,889	44	1.6	58	2,497	42	0.6	53
Will	538,379	18,636	22	3.5	47	14,890	23	2.8	36	3,745	33	0.7	44
Williamson	281,294	21,114	18	7.5	10	15,480	17	5.5	18	5,634	16	2.0	13
Winnegago	329,724	13,472	37	4.1	42	12,799	27	3.9	27	672	87	0.2	88
Woodford	343,889	16,199	31	4.7	31	3,224	87	0.9	83	12,975	5	3.8	4

Table E2. Summary of data for palustrine, lacustrine, and riverine wetlands in Illinois by county, 1980–1987.

County	Total acres	Palustrine				Lacustrine				Riverine			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
Adams	551,553	20,551	14	3.7	40	5	66	0.0	70	692	6	0.1	22
Alexander	160,469	21,468	11	13.4	1	1,130	11	0.7	8	931	2	0.6	1
Bond	242,322	8,488	56	3.5	42	381	19	0.2	16	202	53	0.1	45
Boone	179,120	4,184	87	2.3	59	0	0	0.0	0	1	101	0.0	101
Brown	194,458	3,326	96	1.7	73	71	40	0.0	32	354	31	0.2	6
Bureau	554,218	11,528	40	2.1	64	294	22	0.1	29	470	23	0.1	43
Calhoun	179,640	17,635	24	9.8	3	761	13	0.4	12	160	65	0.1	37
Carroll	296,131	5,963	72	2.0	66	28	54	0.0	50	68	86	0.0	87
Cass	243,334	17,183	27	7.1	15	233	26	0.1	22	200	54	0.1	47
Champaign	632,147	5,798	75	0.9	96	26	55	0.0	60	104	77	0.0	91
Christian	452,857	10,742	46	2.4	57	114	33	0.0	38	535	18	0.1	27
Clark	319,508	7,189	64	2.3	62	0	0	0.0	0	168	62	0.1	66
Clay	297,117	16,382	29	5.5	23	0	0	0.0	0	162	63	0.1	64
Clinton	318,628	32,923	3	10.3	2	2,067	10	0.7	10	358	30	0.1	29
Coles	323,089	5,201	80	1.6	77	3	70	0.0	69	36	95	0.0	94
Cook	607,261	18,383	19	3.0	49	576	15	0.1	23	7	99	0.0	99
Crawford	281,838	12,327	38	4.4	34	0	0	0.0	0	104	78	0.0	75
Cumberland	219,489	3,605	93	1.6	76	0	0	0.0	0	69	85	0.0	80
DeKalb	402,704	4,012	88	1.0	94	1	73	0.0	74	59	89	0.0	92
DeWitt	256,452	2,611	100	1.0	93	5	67	0.0	66	160	66	0.1	59
Douglas	264,212	3,710	91	1.4	83	0	0	0.0	0	12	98	0.0	98
DuPage	213,476	10,899	43	5.1	28	70	41	0.0	35	47	91	0.0	88
Edgar	394,860	3,644	92	0.9	95	0	0	0.0	0	125	74	0.0	79
Edwards	140,953	5,605	77	4.0	39	0	0	0.0	0	174	61	0.1	25
Effingham	303,955	5,152	81	1.7	74	0	0	0.0	0	76	82	0.0	86
Fayette	459,254	23,025	9	5.0	29	2,485	8	0.5	11	336	33	0.1	50
Ford	308,094	1,125	102	0.4	102	0	0	0.0	0	139	71	0.1	71
Franklin	273,296	25,364	6	9.3	5	2,278	9	0.8	7	238	47	0.1	39
Fulton	559,507	19,051	18	3.4	43	3,809	6	0.7	9	861	5	0.2	11
Gallatin	207,810	17,603	25	8.5	8	36	46	0.0	43	341	32	0.2	8
Greene	346,252	8,682	54	2.5	55	56	43	0.0	44	188	57	0.1	65
Grundy	272,950	8,306	57	3.0	48	36	47	0.0	47	475	22	0.2	7
Hamilton	275,902	7,625	59	2.8	52	0	0	0.0	0	360	29	0.1	18
Hancock	515,560	12,134	39	2.3	58	1	74	0.0	76	682	7	0.1	17
Hardin	114,277	3,349	95	2.9	51	18	59	0.0	45	134	73	0.1	28
Henderson	250,584	10,833	44	4.3	36	4	68	0.0	68	321	35	0.1	19
Henry	523,022	4,774	84	0.9	97	0	0	0.0	0	648	10	0.1	24
Iroquois	709,175	9,687	49	1.4	84	0	0	0.0	0	52	90	0.0	96
Jackson	383,493	35,046	1	9.1	6	448	17	0.1	19	866	4	0.2	4
Jasper	315,429	7,310	62	2.3	60	157	28	0.1	31	195	55	0.1	60
Jefferson	369,621	20,781	13	5.6	22	4,596	4	1.2	4	247	44	0.1	58
Jersey	238,917	5,969	71	2.5	56	329	21	0.1	17	261	39	0.1	31
Jo Daviess	392,650	8,501	55	2.2	63	25	56	0.0	55	157	67	0.0	73
Johnson	220,832	15,916	30	7.2	14	0	0	0.0	0	238	48	0.1	32
Kane	332,583	10,034	47	3.0	50	65	42	0.0	42	46	92	0.0	93
Kankakee	431,755	5,363	78	1.2	88	0	0	0.0	0	256	42	0.1	61
Kendall	204,431	2,720	98	1.3	86	0	0	0.0	0	61	87	0.0	82
Knox	455,909	7,052	65	1.6	81	229	27	0.1	30	678	8	0.2	13
Lake	298,839	27,099	4	9.1	7	5,986	3	2.0	2	2	100	0.0	100
LaSalle	727,986	8,294	58	1.1	89	73	39	0.0	49	929	3	0.1	20
Lawrence	236,663	14,947	31	6.3	19	0	0	0.0	0	104	79	0.0	72
Lee	462,209	5,005	82	1.1	92	1	75	0.0	75	381	26	0.1	46
Livingston	662,753	3,936	90	0.6	100	0	0	0.0	0	562	16	0.1	42
Logan	391,877	5,875	73	1.5	82	0	0	0.0	0	336	34	0.1	41
Macon	370,939	5,846	74	1.6	80	0	0	0.0	0	185	58	0.1	68
Macoupin	549,074	9,626	50	1.8	72	0	0	0.0	0	427	24	0.1	49
Madison	468,445	21,591	10	4.6	31	280	24	0.1	26	242	45	0.1	67
Marion	364,633	14,538	33	4.0	38	248	25	0.1	24	261	40	0.1	54
Marshall	252,808	6,638	66	2.6	54	281	23	0.1	21	232	49	0.1	34
Mason	355,727	18,319	20	5.1	26	6,915	2	1.9	3	161	64	0.1	70
Massac	153,151	11,128	42	7.3	12	34	49	0.0	41	112	75	0.1	51
McDonough	373,708	7,430	60	2.0	68	11	62	0.0	64	525	19	0.1	16
McHenry	387,915	23,249	8	6.0	20	846	12	0.2	14	0	102	0.0	102

County	Total acres	Palustrine				Lacustrine				Riverine			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
McLean	751,388	4,358	85	0.6	101	38	45	0.0	58	241	46	0.0	78
Menard	199,601	3,983	89	2.0	67	0	77	0.0	77	290	38	0.2	14
Mercer	359,720	11,244	41	3.1	46	420	18	0.1	20	258	41	0.1	53
Monroe	251,781	17,283	26	6.9	16	30	51	0.0	48	148	70	0.1	62
Montgomery	449,236	7,210	63	1.6	78	15	60	0.0	62	573	14	0.1	21
Morgan	362,701	5,972	70	1.7	75	19	58	0.0	57	180	59	0.1	69
Moultrie	217,814	4,217	86	1.9	69	10	63	0.0	59	24	97	0.0	95
Ogle	484,561	5,279	79	1.1	91	45	44	0.0	51	176	60	0.0	77
Peoria	399,182	12,353	37	3.1	47	4,181	5	1.1	5	577	13	0.1	15
Perry	283,096	20,959	12	7.4	10	97	36	0.0	34	192	56	0.1	57
Piatt	278,155	3,524	94	1.3	87	2	71	0.0	71	226	50	0.1	48
Pike	536,318	19,621	16	3.7	41	128	30	0.0	39	1,448	1	0.3	2
Pope	237,144	10,782	45	4.6	32	126	31	0.1	28	61	88	0.0	85
Pulaski	128,751	12,362	36	9.6	4	78	37	0.1	25	72	83	0.1	63
Putnam	109,134	4,931	83	4.5	33	29	53	0.0	36	79	81	0.1	52
Randolph	376,749	24,358	7	6.5	18	98	35	0.0	37	598	12	0.2	10
Richland	229,131	10,008	48	4.4	35	4	69	0.0	67	156	68	0.1	56
Rock Island	286,170	13,191	35	4.6	30	10	64	0.0	61	255	43	0.1	36
Saline	245,006	17,887	23	7.3	11	132	29	0.1	27	215	51	0.1	38
Sangamon	555,423	14,633	32	2.6	53	76	38	0.0	46	477	21	0.1	40
Schuyler	279,499	9,234	52	3.3	45	499	16	0.2	15	537	17	0.2	5
Scott	159,637	2,842	97	1.8	71	0	0	0.0	0	46	93	0.0	83
Shelby	486,371	6,629	67	1.4	85	10	65	0.0	65	135	72	0.0	84
St. Clair	426,630	33,107	2	7.8	9	31	50	0.0	54	155	69	0.0	76
Stark	182,827	1,133	101	0.6	99	0	0	0.0	0	39	94	0.0	90
Stephenson	358,389	5,656	76	1.6	79	1	76	0.0	73	112	76	0.0	81
Tazewell	416,801	9,580	51	2.3	61	3,559	7	0.9	6	665	9	0.2	9
Union	267,416	17,979	22	6.7	17	624	14	0.2	13	633	11	0.2	3
Vermilion	570,680	6,421	68	1.1	90	0	0	0.0	0	35	96	0.0	97
Wabash	144,043	7,412	61	5.1	27	0	0	0.0	0	100	80	0.1	55
Warren	344,530	2,626	99	0.8	98	2	72	0.0	72	363	28	0.1	33
Washington	356,935	19,559	17	5.5	24	30	52	0.0	52	319	36	0.1	35
Wayne	452,962	26,620	5	5.9	21	15	61	0.0	63	567	15	0.1	23
White	317,751	16,411	28	5.2	25	112	34	0.0	33	388	25	0.1	26
Whiteside	442,558	8,977	53	2.0	65	36	48	0.0	53	373	27	0.1	44
Will	538,379	18,302	21	3.4	44	120	32	0.0	40	213	52	0.0	74
Williamson	281,294	20,434	15	7.3	13	368	20	0.1	18	313	37	0.1	30
Winnebago	329,724	13,380	34	4.1	37	21	57	0.0	56	71	84	0.0	89
Woodford	343,889	6,159	69	1.8	70	9,518	1	2.8	1	523	20	0.2	12

Table E3. Summary of data for all forested wetlands, swamp, and bottomland forested wetlands in Illinois by county, 1980–1987.

County	Total acres	Forested wetlands				Swamp				Bottomland forest			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
Adams	551,553	15,424	11	2.8	36	4	53	0.0	58	15,420	9	2.8	36
Alexander	160,469	18,056	6	11.3	1	1,386	3	0.9	2	16,670	7	10.4	1
Bond	242,322	6,689	44	2.8	37	0	0	0.0	0	6,689	44	2.8	37
Boone	179,120	1,117	100	0.6	89	0	0	0.0	0	1,117	100	0.6	88
Brown	194,458	1,847	91	1.0	73	0	0	0.0	0	1,847	91	1.0	73
Bureau	554,218	7,518	40	1.4	58	47	29	0.0	30	7,471	40	1.4	58
Calhoun	179,640	14,518	15	8.1	3	1	62	0.0	60	14,516	14	8.1	3
Carroll	296,131	3,514	73	1.2	63	20	33	0.0	32	3,494	73	1.2	63
Cass	243,334	12,728	21	5.2	12	1,399	2	0.6	5	11,330	24	4.7	18
Champaign	632,147	3,315	74	0.5	92	0	0	0.0	0	3,315	74	0.5	92
Christian	452,857	7,363	42	1.6	53	0	0	0.0	0	7,363	42	1.6	53
Clark	319,508	5,567	53	1.7	49	80	24	0.0	25	5,487	53	1.7	50
Clay	297,117	14,212	16	4.8	18	16	36	0.0	34	14,196	15	4.8	15
Clinton	318,628	28,589	2	9.0	2	107	21	0.0	22	28,482	1	8.9	2
Coles	323,089	4,079	64	1.3	60	0	0	0.0	0	4,079	64	1.3	60
Cook	607,261	5,213	54	0.9	78	8	42	0.0	51	5,205	54	0.9	78
Crawford	281,838	10,493	27	3.7	25	76	25	0.0	24	10,417	26	3.7	25
Cumberland	219,489	2,665	83	1.2	62	0	0	0.0	0	2,665	83	1.2	62
DeKalb	402,704	2,123	90	0.5	91	0	0	0.0	0	2,123	90	0.5	91
DeWitt	256,452	1,605	95	0.6	88	46	30	0.0	27	1,559	95	0.6	89
Douglas	264,212	2,811	80	1.1	69	6	44	0.0	45	2,805	80	1.1	69
DuPage	213,476	1,374	97	0.6	85	13	38	0.0	33	1,361	99	0.6	86
Edgar	394,860	3,056	76	0.8	82	0	0	0.0	0	3,056	76	0.8	81
Edwards	140,953	4,639	57	3.3	31	0	0	0.0	0	4,639	57	3.3	31
Effingham	303,955	3,896	68	1.3	59	0	0	0.0	0	3,896	68	1.3	59
Fayette	459,254	15,656	9	3.4	28	333	14	0.1	15	15,322	10	3.3	28
Ford	308,094	314	102	0.1	102	0	0	0.0	0	314	102	0.1	102
Franklin	273,296	19,592	5	7.2	6	1,191	4	0.4	6	18,401	5	6.7	6
Fulton	559,507	8,669	34	1.6	55	6	45	0.0	54	8,664	31	1.6	55
Gallatin	207,810	14,724	14	7.1	7	648	10	0.3	7	14,076	16	6.8	5
Greene	346,252	5,983	51	1.7	50	0	0	0.0	0	5,983	51	1.7	49
Grundy	272,950	4,072	65	1.5	57	1	63	0.0	62	4,071	65	1.5	57
Hamilton	275,902	6,058	49	2.2	41	4	54	0.0	50	6,054	49	2.2	41
Hancock	515,560	8,584	35	1.7	52	3	56	0.0	59	8,581	32	1.7	52
Hardin	114,277	2,250	88	2.0	43	6	46	0.0	35	2,244	88	2.0	44
Henderson	250,584	8,330	36	3.3	30	0	0	0.0	0	8,330	34	3.3	29
Henry	523,022	2,368	85	0.5	96	0	0	0.0	0	2,368	85	0.5	96
Iroquois	709,175	6,050	50	0.9	79	2	59	0.0	65	6,048	50	0.9	79
Jackson	383,493	28,755	1	7.5	4	481	12	0.1	13	28,274	2	7.4	4
Jasper	315,429	5,826	52	1.9	45	6	47	0.0	47	5,821	52	1.9	45
Jefferson	369,621	15,565	10	4.2	22	897	7	0.2	10	14,668	13	4.0	23
Jersey	238,917	4,063	66	1.7	51	6	48	0.0	41	4,057	66	1.7	51
Jo Daviess	392,650	7,031	43	1.8	48	0	0	0.0	0	7,031	43	1.8	48
Johnson	220,832	11,998	24	5.4	11	2,203	1	1.0	1	9,796	28	4.4	19
Kane	332,583	1,680	94	0.5	93	1	64	0.0	64	1,679	93	0.5	93
Kankakee	431,755	2,766	81	0.6	86	0	0	0.0	0	2,766	81	0.6	85
Kendall	204,431	1,366	98	0.7	84	5	50	0.0	43	1,362	97	0.7	84
Knox	455,909	2,266	87	0.5	94	0	0	0.0	0	2,266	87	0.5	94
Lake	298,839	3,664	71	1.2	61	5	51	0.0	48	3,659	70	1.2	61
Lasalle	727,986	4,388	60	0.6	90	60	27	0.0	31	4,328	61	0.6	90
Lawrence	236,663	12,226	23	5.2	13	105	22	0.0	21	12,121	22	5.1	10
Lee	462,209	1,445	96	0.3	101	2	60	0.0	61	1,443	96	0.3	101
Livingston	662,753	2,185	89	0.3	100	14	37	0.0	46	2,171	89	0.3	100
Logan	391,877	4,336	61	1.1	66	0	0	0.0	0	4,336	60	1.1	66
Macon	370,939	3,647	72	1.0	72	0	0	0.0	0	3,647	71	1.0	72
Macoupin	549,074	5,187	55	0.9	74	27	31	0.0	36	5,160	55	0.9	75
Madison	468,445	14,968	13	3.2	34	12	40	0.0	40	14,956	12	3.2	33
Marion	364,633	11,938	25	3.3	32	6	49	0.0	49	11,933	23	3.3	32
Marshall	252,808	4,561	58	1.8	46	3	57	0.0	53	4,557	58	1.8	46
Mason	355,727	11,551	26	3.3	33	526	11	0.2	12	11,025	25	3.1	34
Massac	153,151	8,863	31	5.8	8	1,035	5	0.7	4	7,828	38	5.1	11
McDonough	373,708	4,005	67	1.1	68	1	65	0.0	67	4,004	67	1.1	68
McHenry	387,915	2,449	84	0.6	87	0	0	0.0	0	2,449	84	0.6	87

County	Total acres	Forested wetlands				Swamp				Bottomland forest			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
McLean	751,388	2,740	82	0.4	98	0	0	0.0	0	2,740	82	0.4	98
Menard	199,601	3,032	77	1.5	56	0	0	0.0	0	3,032	77	1.5	56
Mercer	359,720	7,744	39	2.2	42	3	58	0.0	56	7,741	39	2.2	42
Monroe	251,781	9,076	30	3.6	27	171	17	0.1	16	8,905	29	3.5	26
Montgomery	449,236	4,224	63	0.9	75	0	69	0.0	69	4,223	63	0.9	74
Morgan	362,701	3,164	75	0.9	77	0	0	0.0	0	3,164	75	0.9	77
Moultrie	217,814	1,695	93	0.8	81	27	32	0.0	28	1,668	94	0.8	82
Ogle	484,561	2,295	86	0.5	95	12	41	0.0	42	2,283	86	0.5	95
Peoria	399,182	7,848	38	2.0	44	5	52	0.0	52	7,842	37	2.0	43
Perry	283,096	15,420	12	5.5	10	244	15	0.1	14	15,176	11	5.4	9
Piatt	278,155	2,883	78	1.0	71	1	66	0.0	63	2,882	78	1.0	71
Pike	536,318	13,771	18	2.6	38	4	55	0.0	57	13,767	17	2.6	38
Pope	237,144	8,750	33	3.7	26	686	9	0.3	8	8,064	36	3.4	27
Pulaski	128,751	9,376	29	7.3	5	924	6	0.7	3	8,452	33	6.6	7
Putnam	109,134	3,693	70	3.4	29	69	26	0.1	17	3,624	72	3.3	30
Randolph	376,749	16,042	8	4.3	20	211	16	0.1	18	15,831	8	4.2	21
Richland	229,131	8,825	32	3.9	24	2	61	0.0	55	8,824	30	3.9	24
Rock Island	286,170	8,077	37	2.8	35	0	0	0.0	0	8,077	35	2.8	35
Saline	245,006	12,334	22	5.0	14	132	19	0.1	19	12,202	21	5.0	13
Sangamon	555,423	10,003	28	1.8	47	17	35	0.0	38	9,986	27	1.8	47
Schuyler	279,499	6,648	45	2.4	39	0	0	0.0	0	6,648	45	2.4	39
Scott	159,637	1,807	92	1.1	65	0	0	0.0	0	1,807	92	1.1	65
Shelby	486,371	4,560	59	0.9	76	20	34	0.0	37	4,540	59	0.9	76
St. Clair	426,630	23,710	3	5.6	9	128	20	0.0	23	23,582	3	5.5	8
Stark	182,827	623	101	0.3	99	0	0	0.0	0	623	101	0.3	99
Stephenson	358,389	2,881	79	0.8	80	1	67	0.0	66	2,880	79	0.8	80
Tazewell	416,801	6,644	46	1.6	54	0	0	0.0	0	6,644	46	1.6	54
Union	267,416	13,294	19	5.0	17	744	8	0.3	9	12,550	20	4.7	17
Vermilion	570,680	4,310	62	0.8	83	0	0	0.0	0	4,310	62	0.8	83
Wabash	144,043	6,117	48	4.3	21	0	0	0.0	0	6,117	48	4.3	20
Warren	344,530	1,362	99	0.4	97	0	0	0.0	0	1,362	98	0.4	97
Washington	356,935	17,015	7	4.8	19	89	23	0.0	26	16,925	6	4.7	16
Wayne	452,962	22,680	4	5.0	15	13	39	0.0	39	22,667	4	5.0	12
White	317,751	12,973	20	4.1	23	141	18	0.0	20	12,831	19	4.0	22
Whiteside	442,558	4,686	56	1.1	70	1	68	0.0	68	4,684	56	1.1	70
Will	538,379	6,300	47	1.2	64	51	28	0.0	29	6,249	47	1.2	64
Williamson	281,294	14,002	17	5.0	16	435	13	0.2	11	13,567	18	4.8	14
Winnebago	329,724	7,429	41	2.3	40	8	43	0.0	44	7,420	41	2.3	40
Woodford	343,889	3,746	69	1.1	67	0	0	0.0	0	3,746	69	1.1	67

Table E4. Summary of data for all emergent wetlands, shallow marsh/wet meadow, and deep marsh in Illinois by county, 1980–1987.

County	Total acres	Emergent wetlands				Shallow marsh/wet meadow				Deep marsh			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
Adams	551,553	1,236	53	0.2	70	1,119	48	0.2	67	117	57	0.0	67
Alexander	160,469	2,549	20	1.6	7	2,458	16	1.5	6	91	63	0.1	45
Bond	242,322	414	89	0.2	83	395	86	0.2	78	19	88	0.0	85
Boone	179,120	2,529	21	1.4	8	2,511	14	1.4	8	18	89	0.0	80
Brown	194,458	539	79	0.3	59	261	94	0.1	85	278	34	0.1	20
Bureau	554,218	2,221	28	0.4	49	1,730	29	0.3	52	491	20	0.1	29
Calhoun	179,640	1,113	57	0.6	27	890	56	0.5	25	222	38	0.1	23
Carroll	296,131	1,544	41	0.5	37	962	54	0.3	49	582	16	0.2	17
Cass	243,334	1,767	37	0.7	22	1,228	41	0.5	24	539	17	0.2	13
Champaign	632,147	1,648	39	0.3	62	1,489	34	0.2	60	159	44	0.0	62
Christian	452,857	2,358	25	0.5	38	1,271	38	0.3	53	1,087	7	0.2	11
Clark	319,508	257	96	0.1	96	247	95	0.1	96	10	94	0.0	96
Clay	297,117	670	74	0.2	69	622	70	0.2	64	48	76	0.0	75
Clinton	318,628	2,418	23	0.8	20	2,053	23	0.6	18	365	25	0.1	26
Coles	323,089	365	91	0.1	93	345	89	0.1	92	21	87	0.0	87
Cook	607,261	8,267	4	1.4	10	6,282	4	1.0	10	1,985	3	0.3	6
Crawford	281,838	477	86	0.2	84	426	83	0.2	80	50	73	0.0	72
Cumberland	219,489	103	102	0.1	100	98	102	0.0	100	5	99	0.0	97
DeKalb	402,704	1,356	45	0.3	55	1,311	36	0.3	48	45	77	0.0	79
DeWitt	256,452	531	81	0.2	75	522	75	0.2	66	9	95	0.0	95
Douglas	264,212	498	84	0.2	80	421	84	0.2	79	77	66	0.0	59
DuPage	213,476	6,575	6	3.1	3	5,783	6	2.7	3	793	11	0.4	5
Edgar	394,860	112	99	0.0	102	108	99	0.0	102	5	100	0.0	101
Edwards	140,953	112	100	0.1	97	105	100	0.1	97	7	97	0.0	92
Effingham	303,955	105	101	0.0	101	99	101	0.0	101	6	98	0.0	99
Fayette	459,254	3,391	12	0.7	21	2,013	25	0.4	31	1,378	6	0.3	7
Ford	308,094	533	80	0.2	82	518	76	0.2	76	15	91	0.0	93
Franklin	273,296	2,796	17	1.0	12	2,463	15	0.9	12	333	27	0.1	25
Fulton	559,507	2,813	15	0.5	41	2,130	19	0.4	42	683	13	0.1	24
Gallatin	207,810	1,341	46	0.7	24	1,194	43	0.6	20	147	47	0.1	36
Greene	346,252	663	75	0.2	78	598	71	0.2	74	65	70	0.0	70
Grundy	272,950	2,724	18	1.0	14	1,905	27	0.7	17	819	10	0.3	8
Hamilton	275,902	315	94	0.1	92	284	92	0.1	94	31	81	0.0	78
Hancock	515,560	1,278	49	0.3	66	1,229	40	0.2	59	49	75	0.0	82
Hardin	114,277	309	95	0.3	61	300	91	0.3	56	9	96	0.0	83
Henderson	250,584	1,150	56	0.5	43	970	53	0.4	39	180	42	0.1	34
Henry	523,022	1,218	54	0.2	68	1,144	46	0.2	62	74	68	0.0	76
Iroquois	709,175	2,797	16	0.4	50	2,728	13	0.4	40	69	69	0.0	81
Jackson	383,493	2,047	32	0.5	34	1,661	31	0.4	33	386	22	0.1	28
Jasper	315,429	451	87	0.1	89	437	82	0.1	84	14	92	0.0	94
Jefferson	369,621	1,441	43	0.4	51	1,200	42	0.3	50	242	37	0.1	40
Jersey	238,917	425	88	0.2	81	272	93	0.1	91	154	46	0.1	42
Jo Daviess	392,650	823	66	0.2	74	696	66	0.2	71	126	52	0.0	57
Johnson	220,832	1,302	48	0.6	30	1,189	44	0.5	22	113	58	0.1	47
Kane	332,583	6,723	5	2.0	5	6,067	5	1.8	5	656	15	0.2	16
Kankakee	431,755	1,828	34	0.4	46	1,736	28	0.4	37	93	62	0.0	66
Kendall	204,431	737	71	0.4	52	641	69	0.3	51	96	61	0.1	49
Knox	455,909	959	60	0.2	73	804	59	0.2	72	155	45	0.0	54
Lake	298,839	18,524	1	6.2	1	9,521	2	3.2	2	9,003	1	3.0	1
Lasalle	727,986	1,863	33	0.3	64	1,494	33	0.2	65	370	23	0.1	48
Lawrence	236,663	1,251	51	0.5	36	1,128	47	0.5	26	123	55	0.1	46
Lee	462,209	2,445	22	0.5	35	2,114	20	0.5	30	330	28	0.1	35
Livingston	662,753	899	63	0.1	90	857	57	0.1	87	42	78	0.0	88
Logan	391,877	754	70	0.2	77	733	63	0.2	70	22	86	0.0	89
Macon	370,939	1,275	50	0.3	54	1,248	39	0.3	47	26	84	0.0	86
Macoupin	549,074	484	85	0.1	95	455	80	0.1	95	30	82	0.0	90
Madison	468,445	2,555	19	0.6	32	2,228	17	0.5	28	327	29	0.1	37
Marion	364,633	524	83	0.1	88	445	81	0.1	88	79	65	0.0	65
Marshall	252,808	829	65	0.3	56	666	68	0.3	55	163	43	0.1	41
Mason	355,727	3,561	10	1.0	13	1,690	30	0.5	29	1,872	4	0.5	4
Massac	153,151	778	69	0.5	39	729	64	0.5	27	50	74	0.0	56
McDonough	373,708	2,250	27	0.6	28	2,186	18	0.6	19	64	72	0.0	73
McHenry	387,915	17,479	2	4.5	2	15,286	1	3.9	1	2,193	2	0.6	3

County	Total acres	Emergent wetlands				Shallow marsh/wet meadow				Deep marsh			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
McLean	751,388	542	78	0.1	99	526	74	0.1	99	16	90	0.0	98
Menard	199,601	381	90	0.2	79	347	88	0.2	73	34	79	0.0	74
Mercer	359,720	1,821	35	0.5	40	1,575	32	0.4	32	246	36	0.1	38
Monroe	251,781	5,333	7	2.1	4	4,795	7	1.9	4	538	18	0.2	14
Montgomery	449,236	1,067	58	0.2	67	941	55	0.2	63	126	53	0.0	60
Morgan	362,701	792	68	0.2	71	715	65	0.2	69	76	67	0.0	68
Moultrie	217,814	2,095	31	1.0	16	356	87	0.2	77	1,738	5	0.8	2
Ogle	484,561	2,129	30	0.4	45	2,064	22	0.4	34	65	71	0.0	77
Peoria	399,182	1,397	44	0.4	53	1,107	49	0.3	54	290	33	0.1	33
Perry	283,096	1,563	40	0.6	31	1,147	45	0.4	36	416	21	0.2	19
Piatt	278,155	326	93	0.1	91	323	90	0.1	90	3	101	0.0	102
Pike	536,318	2,387	24	0.5	44	2,048	24	0.4	41	339	26	0.1	43
Pope	237,144	672	73	0.3	58	476	78	0.2	68	196	39	0.1	32
Pulaski	128,751	1,028	59	0.8	18	1,004	51	0.8	13	23	85	0.0	71
Putnam	109,134	703	72	0.6	25	401	85	0.4	45	302	32	0.3	9
Randolph	376,749	3,124	13	0.8	17	2,810	11	0.8	15	314	30	0.1	31
Richland	229,131	253	97	0.1	94	241	96	0.1	93	12	93	0.0	91
Rock Island	286,170	3,099	14	1.1	11	2,787	12	1.0	11	312	31	0.1	27
Saline	245,006	1,331	47	0.5	33	826	58	0.3	46	505	19	0.2	15
Sangamon	555,423	2,267	26	0.4	48	2,076	21	0.4	43	192	40	0.0	53
Schuyler	279,499	800	67	0.3	57	673	67	0.2	58	127	50	0.1	50
Scott	159,637	340	92	0.2	72	233	97	0.2	81	107	59	0.1	39
Shelby	486,371	1,237	52	0.3	65	580	72	0.1	89	657	14	0.1	21
St. Clair	426,630	4,198	9	1.0	15	3,247	10	0.8	14	950	9	0.2	12
Stark	182,827	133	98	0.1	98	130	98	0.1	98	3	102	0.0	100
Stephenson	358,389	2,137	29	0.6	29	2,010	26	0.6	21	127	51	0.0	51
Tazewell	416,801	1,152	55	0.3	60	1,055	50	0.3	57	97	60	0.0	64
Union	267,416	1,730	38	0.7	23	995	52	0.4	44	736	12	0.3	10
Vermilion	570,680	913	61	0.2	86	795	61	0.1	83	118	56	0.0	69
Wabash	144,043	595	76	0.4	47	561	73	0.4	38	34	80	0.0	63
Warren	344,530	527	82	0.2	87	500	77	0.2	82	27	83	0.0	84
Washington	356,935	592	77	0.2	85	467	79	0.1	86	124	54	0.0	52
Wayne	452,962	913	62	0.2	76	775	62	0.2	75	138	49	0.0	58
White	317,751	1,480	42	0.5	42	1,291	37	0.4	35	189	41	0.1	44
Whiteside	442,558	3,405	11	0.8	19	3,259	9	0.7	16	146	48	0.0	55
Will	538,379	8,659	3	1.6	6	7,616	3	1.4	7	1,043	8	0.2	18
Williamson	281,294	1,799	36	0.6	26	1,430	35	0.5	23	369	24	0.1	22
Winnebago	329,724	4,508	8	1.4	9	4,231	8	1.3	9	276	35	0.1	30
Woodford	343,889	891	64	0.3	63	803	60	0.2	61	88	64	0.0	61

Table E5. Summary of data for scrub-shrub and open water wetlands in Illinois by county, 1980–1987.

County	Total acres	Scrub-shrub				Open water			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank
Adams	551,553	776	21	0.1	39	3,115	11	0.6	25
Alexander	160,469	376	47	0.2	24	486	89	0.3	63
Bond	242,322	121	80	0.1	71	1,265	39	0.5	27
Boone	179,120	332	51	0.2	31	206	102	0.1	93
Brown	194,458	75	92	0.0	77	864	61	0.4	38
Bureau	554,218	786	20	0.1	38	1,003	52	0.2	78
Calhoun	179,640	833	17	0.5	8	1,172	45	0.7	21
Carroll	296,131	545	32	0.2	32	361	96	0.1	91
Cass	243,334	1,792	4	0.7	3	896	59	0.4	52
Champaign	632,147	113	82	0.0	95	722	72	0.1	94
Christian	452,857	230	61	0.1	69	790	69	0.2	81
Clark	319,508	106	85	0.0	81	1,259	40	0.4	45
Clay	297,117	357	49	0.1	44	1,143	47	0.4	47
Clinton	318,628	723	25	0.2	26	1,194	43	0.4	51
Coles	323,089	94	88	0.0	89	663	76	0.2	71
Cook	607,261	590	30	0.1	51	4,313	3	0.7	13
Crawford	281,838	172	71	0.1	65	1,186	44	0.4	41
Cumberland	219,489	32	100	0.0	98	805	66	0.4	53
DeKalb	402,704	97	87	0.0	93	436	92	0.1	96
DeWitt	256,452	109	84	0.0	73	365	94	0.1	87
Douglas	264,212	34	99	0.0	99	366	93	0.1	88
DuPage	213,476	476	39	0.2	27	2,473	16	1.2	4
Edgar	394,860	16	101	0.0	101	459	91	0.1	92
Edwards	140,953	55	96	0.0	76	799	67	0.6	24
Effingham	303,955	89	91	0.0	88	1,061	48	0.4	58
Fayette	459,254	1,633	6	0.4	14	2,345	17	0.5	28
Ford	308,094	11	102	0.0	102	267	98	0.1	101
Franklin	273,296	1,083	12	0.4	11	1,893	24	0.7	15
Fulton	559,507	509	37	0.1	54	7,059	1	1.3	2
Gallatin	207,810	742	24	0.4	13	796	68	0.4	48
Greene	346,252	386	45	0.1	49	1,650	29	0.5	35
Grundy	272,950	190	69	0.1	60	1,320	37	0.5	33
Hamilton	275,902	285	54	0.1	50	968	58	0.4	57
Hancock	515,560	699	26	0.1	40	1,573	31	0.3	62
Hardin	114,277	279	57	0.2	23	510	85	0.5	37
Henderson	250,584	688	28	0.3	19	666	75	0.3	65
Henry	523,022	194	68	0.0	79	994	54	0.2	73
Iroquois	709,175	231	60	0.0	83	608	81	0.1	102
Jackson	383,493	1,637	5	0.4	9	2,607	15	0.7	17
Jasper	315,429	53	97	0.0	97	981	56	0.3	61
Jefferson	369,621	903	15	0.2	22	2,872	12	0.8	11
Jersey	238,917	229	62	0.1	52	1,253	41	0.5	26
Jo Daviess	392,650	144	76	0.0	80	503	87	0.1	90
Johnson	220,832	1,141	9	0.5	6	1,475	32	0.7	19
Kane	332,583	285	55	0.1	57	1,346	36	0.4	43
Kankakee	431,755	143	77	0.0	82	626	79	0.2	86
Kendall	204,431	93	89	0.1	72	523	83	0.3	68
Knox	455,909	284	56	0.1	64	3,543	6	0.8	10
Lake	298,839	1,470	7	0.5	7	3,441	9	1.2	5
LaSalle	727,986	821	18	0.1	47	1,221	42	0.2	82
Lawrence	236,663	447	42	0.2	30	1,023	51	0.4	40
Lee	462,209	262	59	0.1	67	853	63	0.2	76
Livingston	662,753	115	81	0.0	96	736	71	0.1	95
Logan	391,877	160	74	0.0	75	625	80	0.2	83
Macon	370,939	226	63	0.1	66	698	74	0.2	75
Macoupin	549,074	139	78	0.0	92	3,816	4	0.7	14
Madison	468,445	528	35	0.1	48	3,540	7	0.8	12
Marion	364,633	324	53	0.1	56	1,753	27	0.5	34
Marshall	252,808	756	22	0.3	16	493	88	0.2	72
Mason	355,727	2,467	1	0.7	4	740	70	0.2	70
Massac	153,151	452	41	0.3	18	1,035	49	0.7	18
McDonough	373,708	196	67	0.1	68	979	57	0.3	67
McHenry	387,915	1,026	14	0.3	20	2,295	19	0.6	23

County	Total acres	Scrub-shrub				Open water			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank
McLean	751,388	93	90	0.0	100	983	55	0.1	89
Menard	199,601	61	95	0.0	84	509	86	0.3	69
Mercer	359,720	681	29	0.2	29	997	53	0.3	64
Monroe	251,781	531	34	0.2	28	2,343	18	0.9	7
Montgomery	449,236	167	73	0.0	78	1,752	28	0.4	46
Morgan	362,701	415	43	0.1	45	1,602	30	0.4	39
Moultrie	217,814	197	66	0.1	55	231	100	0.1	97
Ogle	484,561	378	46	0.1	58	476	90	0.1	99
Peoria	399,182	453	40	0.1	46	2,656	13	0.7	20
Perry	283,096	512	36	0.2	33	3,465	8	1.2	3
Piatt	278,155	67	94	0.0	94	248	99	0.1	100
Pike	536,318	1,339	8	0.3	21	2,123	21	0.4	44
Pope	237,144	542	33	0.2	25	819	65	0.4	59
Pulaski	128,751	1,122	10	0.9	2	836	64	0.7	22
Putnam	109,134	329	52	0.3	15	207	101	0.2	74
Randolph	376,749	2,053	3	0.5	5	3,140	10	0.8	9
Richland	229,131	69	93	0.0	86	860	62	0.4	50
Rock Island	286,170	849	16	0.3	17	1,166	46	0.4	42
Saline	245,006	2,151	2	0.9	1	2,071	22	0.9	8
Sangamon	555,423	352	50	0.1	63	2,011	23	0.4	55
Schuyler	279,499	376	48	0.1	41	1,409	34	0.5	30
Scott	159,637	111	83	0.1	61	584	82	0.4	54
Shelby	486,371	125	79	0.0	91	708	73	0.2	85
St. Clair	426,630	752	23	0.2	35	4,448	2	1.0	6
Stark	182,827	47	98	0.0	90	330	97	0.2	79
Stephenson	358,389	273	58	0.1	59	365	95	0.1	98
Tazewell	416,801	387	44	0.1	53	1,397	35	0.3	60
Union	267,416	1,118	11	0.4	10	1,837	25	0.7	16
Vermilion	570,680	170	72	0.0	87	1,027	50	0.2	80
Wabash	144,043	187	70	0.1	42	512	84	0.4	56
Warren	344,530	105	86	0.0	85	632	78	0.2	77
Washington	356,935	147	75	0.0	74	1,806	26	0.5	29
Wayne	452,962	819	19	0.2	34	2,207	20	0.5	32
White	317,751	489	38	0.2	37	1,468	33	0.5	36
Whiteside	442,558	223	65	0.1	70	663	77	0.2	84
Will	538,379	692	27	0.1	43	2,650	14	0.5	31
Williamson	281,294	1,029	13	0.4	12	3,604	5	1.3	1
Winnebago	329,724	568	31	0.2	36	876	60	0.3	66
Woodford	343,889	226	64	0.1	62	1,296	38	0.4	49

Table E6. Summary of data for shallow lake, lake shore, and emergent lake wetlands in Illinois by county, 1980–1987.

County	Total acres	Shallow lake				Lake shore				Emergent lake			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
Adams	551,553	0	0	0.0	0	5	30	0.0	38	0	0	0.0	0
Alexander	160,469	1,130	11	0.7	8	0	0	0.0	0	0	0	0.0	0
Bond	242,322	346	18	0.1	16	35	14	0.0	14	0	0	0.0	0
Boone	179,120	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Brown	194,458	0	0	0.0	0	0	0	0.0	0	71	3	0.0	3
Bureau	554,218	294	20	0.1	25	0	0	0.0	0	0	0	0.0	0
Calhoun	179,640	368	17	0.2	13	393	3	0.2	1	0	0	0.0	0
Carroll	296,131	1	62	0.0	62	28	19	0.0	18	0	0	0.0	0
Cass	243,334	233	24	0.1	20	0	0	0.0	0	0	0	0.0	0
Champaign	632,147	26	48	0.0	53	0	0	0.0	0	0	0	0.0	0
Christian	452,857	114	30	0.0	32	0	0	0.0	0	0	0	0.0	0
Clark	319,508	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Clay	297,117	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Clinton	318,628	1,414	10	0.4	10	653	2	0.2	2	0	0	0.0	0
Coles	323,089	0	0	0.0	0	3	38	0.0	37	0	0	0.0	0
Cook	607,261	422	15	0.1	22	154	4	0.0	8	0	0	0.0	0
Crawford	281,838	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Cumberland	219,489	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
DeKalb	402,704	1	63	0.0	64	0	0	0.0	0	0	0	0.0	0
DeWitt	256,452	0	0	0.0	0	5	31	0.0	27	0	0	0.0	0
Douglas	264,212	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
DuPage	213,476	70	33	0.0	28	0	0	0.0	0	0	0	0.0	0
Edgar	394,860	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Edwards	140,953	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Effingham	303,955	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Fayette	459,254	1,785	9	0.4	11	701	1	0.2	3	0	0	0.0	0
Ford	308,094	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Franklin	273,296	2,202	8	0.8	7	41	12	0.0	13	36	7	0.0	7
Fulton	559,507	3,734	6	0.7	9	75	7	0.0	17	0	0	0.0	0
Gallatin	207,810	34	44	0.0	37	2	40	0.0	36	0	0	0.0	0
Greene	346,252	56	37	0.0	38	0	0	0.0	0	0	0	0.0	0
Grundy	272,950	36	43	0.0	40	0	0	0.0	0	0	0	0.0	0
Hamilton	275,902	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Hancock	515,560	1	64	0.0	65	0	0	0.0	0	0	0	0.0	0
Hardin	114,277	0	0	0.0	0	18	21	0.0	12	0	0	0.0	0
Henderson	250,584	0	0	0.0	0	4	33	0.0	33	0	0	0.0	0
Henry	523,022	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Iroquois	709,175	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Jackson	383,493	121	27	0.0	29	0	0	0.0	0	327	1	0.1	1
Jasper	315,429	16	52	0.0	50	142	5	0.0	4	0	0	0.0	0
Jefferson	369,621	4,589	4	1.2	4	7	28	0.0	28	0	0	0.0	0
Jersey	238,917	324	19	0.1	17	4	34	0.0	32	0	0	0.0	0
Jo Daviess	392,650	25	49	0.0	47	0	0	0.0	0	0	0	0.0	0
Johnson	220,832	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Kane	332,583	62	35	0.0	35	3	39	0.0	40	0	0	0.0	0
Kankakee	431,755	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Kendall	204,431	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Knox	455,909	207	26	0.1	26	22	20	0.0	21	0	0	0.0	0
Lake	298,839	5,884	3	2.0	2	102	6	0.0	5	0	0	0.0	0
LaSalle	727,986	59	36	0.0	45	15	22	0.0	25	0	0	0.0	0
Lawrence	236,663	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Lee	462,209	0	0	0.0	0	1	43	0.0	44	0	0	0.0	0
Livingston	662,753	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Logan	391,877	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Macon	370,939	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Macoupin	549,074	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Madison	468,445	266	22	0.1	24	14	23	0.0	23	0	0	0.0	0
Marion	364,633	244	23	0.1	23	0	0	0.0	0	3	9	0.0	9
Marshall	252,808	281	21	0.1	19	0	0	0.0	0	0	0	0.0	0
Mason	355,727	6,908	2	1.9	3	6	29	0.0	31	0	0	0.0	0
Massac	153,151	0	0	0.0	0	34	16	0.0	9	0	0	0.0	0
McDonough	373,708	9	58	0.0	57	2	41	0.0	41	0	0	0.0	0
McHenry	387,915	846	12	0.2	12	0	0	0.0	0	0	0	0.0	0

County	Total acres	Shallow lake				Lake shore				Emergent lake			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
McLean	751,388	38	41	0.0	51	0	0	0.0	0	0	0	0.0	0
Menard	199,601	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Mercer	359,720	416	16	0.1	18	4	35	0.0	35	0	0	0.0	0
Monroe	251,781	30	46	0.0	42	0	0	0.0	0	0	0	0.0	0
Montgomery	449,236	15	53	0.0	55	0	0	0.0	0	0	0	0.0	0
Morgan	362,701	19	51	0.0	49	0	0	0.0	0	0	0	0.0	0
Moultrie	217,814	10	55	0.0	52	0	0	0.0	0	0	0	0.0	0
Ogle	484,561	0	0	0.0	0	45	11	0.0	19	0	0	0.0	0
Peoria	399,182	4,179	5	1.1	5	2	42	0.0	42	0	0	0.0	0
Perry	283,096	75	32	0.0	31	5	32	0.0	30	16	8	0.0	8
Piatt	278,155	2	60	0.0	60	0	0	0.0	0	0	0	0.0	0
Pike	536,318	118	29	0.0	34	10	25	0.0	29	0	0	0.0	0
Pope	237,144	78	31	0.0	27	48	10	0.0	10	0	0	0.0	0
Pulaski	128,751	39	40	0.0	30	39	13	0.0	6	0	0	0.0	0
Putnam	109,134	0	0	0.0	0	29	18	0.0	7	0	0	0.0	0
Randolph	376,749	47	39	0.0	41	51	9	0.0	16	0	0	0.0	0
Richland	229,131	4	59	0.0	59	0	0	0.0	0	0	0	0.0	0
Rock Island	286,170	10	56	0.0	54	0	0	0.0	0	0	0	0.0	0
Saline	245,006	37	42	0.0	39	35	15	0.0	15	60	5	0.0	5
Sangamon	555,423	66	34	0.0	43	11	24	0.0	26	0	0	0.0	0
Schuyler	279,499	497	14	0.2	15	1	44	0.0	43	0	0	0.0	0
Scott	159,637	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Shelby	486,371	10	57	0.0	58	0	0	0.0	0	0	0	0.0	0
St. Clair	426,630	0	0	0.0	0	31	17	0.0	20	0	0	0.0	0
Stark	182,827	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Stephenson	358,389	1	65	0.0	63	0	0	0.0	0	0	0	0.0	0
Tazewell	416,801	3,550	7	0.9	6	9	27	0.0	24	0	0	0.0	0
Union	267,416	504	13	0.2	14	54	8	0.0	11	67	4	0.0	4
Vermilion	570,680	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Wabash	144,043	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Warren	344,530	2	61	0.0	61	0	0	0.0	0	0	0	0.0	0
Washington	356,935	30	47	0.0	44	0	0	0.0	0	0	0	0.0	0
Wayne	452,962	15	54	0.0	56	0	0	0.0	0	0	0	0.0	0
White	317,751	56	38	0.0	36	0	0	0.0	0	56	6	0.0	6
Whiteside	442,558	32	45	0.0	46	4	36	0.0	39	0	0	0.0	0
Will	538,379	120	28	0.0	33	0	0	0.0	0	0	0	0.0	0
Williamson	281,294	221	25	0.1	21	10	26	0.0	22	137	2	0.1	2
Winnebago	329,724	21	50	0.0	48	0	0	0.0	0	0	0	0.0	0
Woodford	343,889	9,514	1	2.8	1	4	37	0.0	34	0	0	0.0	0

Table E7. Summary of data for perennial and intermittent riverine wetlands in Illinois by county, 1980–1987.

County	Total acres	Perennial				Intermittent			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank
Adams	551,553	162	6	0.0	10	530	11	0.1	30
Alexander	160,469	793	1	0.5	1	138	70	0.1	36
Bond	242,322	4	51	0.0	50	198	50	0.1	41
Boone	179,120	1	67	0.0	62	0	0	0.0	0
Brown	194,458	104	10	0.1	6	249	38	0.1	13
Bureau	554,218	101	11	0.0	16	369	25	0.1	51
Calhoun	179,640	17	32	0.0	24	143	65	0.1	43
Carroll	296,131	1	68	0.0	70	67	80	0.0	84
Cass	243,334	20	28	0.0	27	180	54	0.1	45
Champaign	632,147	0	0	0.0	0	104	75	0.0	90
Christian	452,857	2	59	0.0	67	533	10	0.1	21
Clark	319,508	85	14	0.0	11	83	78	0.0	79
Clay	297,117	0	0	0.0	0	162	59	0.1	61
Clinton	318,628	201	3	0.1	4	157	61	0.1	64
Coles	323,089	0	0	0.0	0	36	93	0.0	93
Cook	607,261	3	54	0.0	64	4	99	0.0	100
Crawford	281,838	51	18	0.0	17	53	88	0.0	89
Cumberland	219,489	11	40	0.0	35	57	87	0.0	80
DeKalb	402,704	0	0	0.0	0	59	85	0.0	91
DeWitt	256,452	0	0	0.0	0	160	60	0.1	54
Douglas	264,212	0	0	0.0	0	12	97	0.0	97
DuPage	213,476	0	0	0.0	0	47	90	0.0	85
Edgar	394,860	6	49	0.0	52	120	73	0.0	76
Edwards	140,953	0	0	0.0	0	174	57	0.1	18
Effingham	303,955	13	36	0.0	37	63	83	0.0	87
Fayette	459,254	55	17	0.0	22	281	33	0.1	55
Ford	308,094	0	0	0.0	0	139	69	0.1	68
Franklin	273,296	0	0	0.0	0	238	42	0.1	34
Fulton	559,507	142	8	0.0	12	719	4	0.1	12
Gallatin	207,810	0	0	0.0	0	341	29	0.2	5
Greene	346,252	9	42	0.0	43	179	55	0.1	62
Grundy	272,950	0	0	0.0	0	475	18	0.2	3
Hamilton	275,902	0	0	0.0	0	360	27	0.1	11
Hancock	515,560	3	55	0.0	60	678	5	0.1	10
Hardin	114,277	1	69	0.0	56	133	71	0.1	22
Henderson	250,584	16	33	0.0	29	305	32	0.1	19
Henry	523,022	0	0	0.0	0	648	7	0.1	17
Iroquois	709,175	3	56	0.0	69	49	89	0.0	95
Jackson	383,493	34	21	0.0	26	832	2	0.2	1
Jasper	315,429	8	43	0.0	44	187	52	0.1	58
Jefferson	369,621	0	0	0.0	0	247	40	0.1	50
Jersey	238,917	34	22	0.0	19	227	44	0.1	31
Jo Daviess	392,650	15	34	0.0	39	143	66	0.0	72
Johnson	220,832	1	70	0.0	66	237	43	0.1	28
Kane	332,583	1	71	0.0	71	45	91	0.0	92
Kankakee	431,755	2	60	0.0	65	254	35	0.1	59
Kendall	204,431	2	61	0.0	55	59	86	0.0	77
Knox	455,909	11	41	0.0	46	667	6	0.2	6
Lake	298,839	0	0	0.0	0	2	100	0.0	99
LaSalle	727,986	19	31	0.0	42	910	1	0.1	15
Lawrence	236,663	12	38	0.0	34	92	77	0.0	71
Lee	462,209	2	62	0.0	68	379	23	0.1	40
Livingston	662,753	1	72	0.0	76	561	9	0.1	38
Logan	391,877	90	13	0.0	14	245	41	0.1	53
Macon	370,939	4	52	0.0	54	181	53	0.1	65
Macoupin	549,074	1	73	0.0	74	426	21	0.1	44
Madison	468,445	25	26	0.0	33	217	46	0.1	67
Marion	364,633	0	0	0.0	0	261	34	0.1	46
Marshall	252,808	61	16	0.0	13	171	58	0.1	49
Mason	355,727	20	29	0.0	30	141	67	0.0	69
Massac	153,151	20	30	0.0	21	93	76	0.1	56
McDonough	373,708	2	63	0.0	63	523	12	0.1	8
McHenry	387,915	0	0	0.0	0	0	0	0.0	0

County	Total acres	Perennial				Intermittent			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank
McLean	751,388	31	24	0.0	38	210	49	0.0	78
Menard	199,601	42	20	0.0	15	248	39	0.1	16
Mercer	359,720	7	45	0.0	48	251	37	0.1	47
Monroe	251,781	7	46	0.0	40	141	68	0.1	60
Montgomery	449,236	62	15	0.0	20	512	13	0.1	25
Morgan	362,701	3	57	0.0	57	177	56	0.1	66
Moultrie	217,814	0	0	0.0	0	24	95	0.0	94
Ogle	484,561	26	25	0.0	32	150	63	0.0	74
Peoria	399,182	122	9	0.0	9	455	20	0.1	24
Perry	283,096	0	0	0.0	0	192	51	0.1	48
Piatt	278,155	0	0	0.0	0	226	45	0.1	42
Pike	536,318	710	2	0.1	2	738	3	0.1	9
Pope	237,144	0	0	0.0	0	61	84	0.0	81
Pulaski	128,751	7	47	0.0	31	65	82	0.1	63
Putnam	109,134	13	37	0.0	23	66	81	0.1	57
Randolph	376,749	176	4	0.1	7	423	22	0.1	26
Richland	229,131	5	50	0.0	47	151	62	0.1	52
Rock Island	286,170	2	64	0.0	59	253	36	0.1	33
Saline	245,006	2	65	0.0	58	213	47	0.1	35
Sangamon	555,423	1	74	0.0	75	476	17	0.1	37
Schuyler	279,499	48	19	0.0	18	489	16	0.2	2
Scott	159,637	7	48	0.0	36	38	92	0.0	83
Shelby	486,371	12	39	0.0	45	122	72	0.0	82
St. Clair	426,630	8	44	0.0	49	147	64	0.0	73
Stark	182,827	3	58	0.0	51	36	94	0.0	88
Stephenson	358,389	2	66	0.0	61	110	74	0.0	75
Tazewell	416,801	161	7	0.0	8	504	14	0.1	20
Union	267,416	168	5	0.1	5	465	19	0.2	4
Vermilion	570,680	15	35	0.0	41	20	96	0.0	98
Wabash	144,043	91	12	0.1	3	9	98	0.0	96
Warren	344,530	4	53	0.0	53	359	28	0.1	29
Washington	356,935	0	0	0.0	0	319	30	0.1	32
Wayne	452,962	0	0	0.0	0	567	8	0.1	14
White	317,751	22	27	0.0	28	366	26	0.1	23
Whiteside	442,558	1	75	0.0	73	373	24	0.1	39
Will	538,379	0	0	0.0	0	213	48	0.0	70
Williamson	281,294	0	0	0.0	0	313	31	0.1	27
Winnebago	329,724	1	76	0.0	72	70	79	0.0	86
Woodford	343,889	32	23	0.0	25	490	15	0.1	7

Table E8. Summary of data for all deepwater, natural deepwater, and modified/artificial deepwater in Illinois by county, 1980–1987.

County	Total acres	Deepwater				Natural				Modified/artificial			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
Adams	551,553	10,491	15	1.9	28	1,787	24	0.3	43	8,704	10	1.6	19
Alexander	160,469	9,815	18	6.1	3	9,607	1	6.0	1	209	99	0.1	93
Bond	242,322	1,277	86	0.5	80	237	96	0.1	93	1,040	70	0.4	55
Boone	179,120	558	101	0.3	93	316	92	0.2	71	242	98	0.1	92
Brown	194,458	1,803	75	0.9	58	1,199	37	0.6	19	604	82	0.3	72
Bureau	554,218	5,142	36	0.9	57	1,760	27	0.3	46	3,382	36	0.6	48
Calhoun	179,640	18,618	1	10.4	1	1,997	21	1.1	10	16,621	1	9.3	1
Carroll	296,131	15,254	4	5.1	6	701	64	0.2	56	14,553	4	4.9	5
Cass	243,334	5,400	34	2.2	22	1,362	33	0.6	21	4,038	30	1.7	17
Champaign	632,147	2,128	66	0.3	92	462	79	0.1	98	1,666	56	0.3	75
Christian	452,857	4,586	38	1.0	50	636	68	0.1	81	3,950	31	0.9	34
Clark	319,508	1,992	70	0.6	71	872	53	0.3	53	1,120	66	0.4	65
Clay	297,117	731	98	0.3	101	579	71	0.2	66	152	102	0.1	102
Clinton	318,628	17,694	2	5.6	5	1,191	38	0.4	37	16,503	2	5.2	4
Coles	323,089	1,962	71	0.6	74	777	57	0.2	55	1,185	65	0.4	63
Cook	607,261	7,867	23	1.3	41	2,943	13	0.5	27	4,924	26	0.8	39
Crawford	281,838	1,532	80	0.5	77	1,357	34	0.5	28	175	101	0.1	101
Cumberland	219,489	1,187	91	0.5	78	624	69	0.3	49	563	84	0.3	77
DeKalb	402,704	1,231	89	0.3	94	535	73	0.1	85	696	77	0.2	87
DeWitt	256,452	5,465	33	2.1	25	353	87	0.1	82	5,112	24	2.0	15
Douglas	264,212	987	95	0.4	86	338	88	0.1	86	650	80	0.3	78
DuPage	213,476	1,297	84	0.6	73	385	82	0.2	70	912	74	0.4	56
Edgar	394,860	601	100	0.2	102	209	98	0.1	100	391	91	0.1	99
Edwards	140,953	404	102	0.3	97	211	97	0.2	77	193	100	0.1	91
Effingham	303,955	1,067	92	0.4	88	370	84	0.1	88	697	76	0.2	80
Fayette	459,254	3,994	46	0.9	59	1,484	31	0.3	44	2,510	40	0.6	50
Ford	308,094	1,042	94	0.3	91	77	101	0.0	101	965	72	0.3	70
Franklin	273,296	10,813	14	4.0	9	479	76	0.2	72	10,334	9	3.8	8
Fulton	559,507	10,166	16	1.8	29	2,409	16	0.4	31	7,757	15	1.4	23
Gallatin	207,810	2,904	59	1.4	36	890	50	0.4	32	2,013	47	1.0	31
Greene	346,252	3,435	50	1.0	51	2,169	18	0.6	16	1,266	62	0.4	64
Grundy	272,950	7,502	25	2.8	13	768	58	0.3	51	6,734	18	2.5	12
Hamilton	275,902	730	99	0.3	100	64	102	0.0	102	666	78	0.2	79
Hancock	515,560	13,573	5	2.6	15	1,107	42	0.2	61	12,465	5	2.4	14
Hardin	114,277	1,584	79	1.4	37	361	85	0.3	47	1,222	63	1.1	28
Henderson	250,584	11,510	9	4.6	7	926	49	0.4	38	10,584	8	4.2	6
Henry	523,022	3,032	56	0.6	75	764	59	0.2	78	2,269	44	0.4	54
Iroquois	709,175	2,116	67	0.3	95	1,008	46	0.1	80	1,107	68	0.2	89
Jackson	383,493	9,939	17	2.6	16	4,572	6	1.2	9	5,368	23	1.4	22
Jasper	315,429	3,044	55	1.0	53	877	51	0.3	52	2,167	45	0.7	46
Jefferson	369,621	5,861	31	1.6	32	307	93	0.1	96	5,554	22	1.5	20
Jersey	238,917	5,041	37	2.1	26	673	66	0.3	50	4,368	28	1.8	16
Jo Daviess	392,650	13,083	6	3.3	10	1,527	30	0.4	35	11,555	6	2.9	10
Johnson	220,832	2,051	68	0.9	56	493	75	0.2	59	1,559	58	0.7	45
Kane	332,583	2,393	64	0.7	65	474	77	0.1	79	1,919	50	0.6	49
Kankakee	431,755	3,106	53	0.7	66	1,763	26	0.4	34	1,343	61	0.3	71
Kendall	204,431	1,429	81	0.7	68	1,057	44	0.5	25	372	92	0.2	85
Knox	455,909	3,392	51	0.7	64	1,683	28	0.4	39	1,709	53	0.4	61
Lake	298,839	7,583	24	2.5	17	6,477	4	2.2	4	1,106	69	0.4	62
Lasalle	727,986	10,952	13	1.5	33	3,802	10	0.5	23	7,150	17	1.0	29
Lawrence	236,663	1,856	74	0.8	61	1,113	41	0.5	29	743	75	0.3	69
Lee	462,209	3,262	52	0.7	67	983	47	0.2	63	2,279	43	0.5	52
Livingston	662,753	2,964	58	0.5	84	1,231	36	0.2	68	1,733	52	0.3	76
Logan	391,877	1,671	77	0.4	85	454	81	0.1	89	1,217	64	0.3	73
Macon	370,939	4,024	45	1.1	47	383	83	0.1	90	3,641	34	1.0	30
Macoupin	549,074	3,493	49	0.6	70	1,175	40	0.2	62	2,318	42	0.4	57
Madison	468,445	11,026	12	2.3	20	6,883	3	1.5	7	4,143	29	0.9	32
Marion	364,633	1,858	73	0.5	81	360	86	0.1	92	1,499	60	0.4	59
Marshall	252,808	8,160	22	3.2	11	526	74	0.2	65	7,634	16	3.0	9
Mason	355,727	8,943	20	2.5	19	325	91	0.1	94	8,618	12	2.4	13
Massac	153,151	2,028	69	1.3	39	332	90	0.2	60	1,696	54	1.1	27
McDonough	373,708	1,301	83	0.4	90	874	52	0.2	57	427	88	0.1	95
McHenry	387,915	3,620	47	0.9	55	2,016	20	0.5	24	1,604	57	0.4	58

County	Total acres	Deepwater				Natural				Modified/artificial			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
McLean	751,388	3,503	48	0.5	83	934	48	0.1	87	2,569	39	0.3	66
Menard	199,601	1,357	82	0.7	69	722	62	0.4	41	635	81	0.3	68
Mercer	359,720	5,762	32	1.6	31	823	54	0.2	58	4,939	25	1.4	24
Monroe	251,781	6,346	29	2.5	18	5,796	5	2.3	2	550	85	0.2	82
Montgomery	449,236	4,401	39	1.0	52	607	70	0.1	84	3,795	32	0.8	38
Morgan	362,701	2,806	61	0.8	62	1,802	23	0.5	26	1,004	71	0.3	74
Moultrie	217,814	5,970	30	2.7	14	139	100	0.1	99	5,831	21	2.7	11
Ogle	484,561	4,149	43	0.9	60	2,167	19	0.5	30	1,983	48	0.4	60
Peoria	399,182	4,334	41	1.1	46	1,327	35	0.3	42	3,007	37	0.8	41
Perry	283,096	2,702	62	1.0	54	242	95	0.1	95	2,460	41	0.9	35
Piatt	278,155	767	97	0.3	99	279	94	0.1	91	488	86	0.2	86
Pike	536,318	11,907	7	2.2	21	4,094	7	0.8	13	7,813	14	1.5	21
Pope	237,144	2,547	63	1.1	48	747	60	0.3	48	1,801	51	0.8	40
Pulaski	128,751	1,749	76	1.4	38	803	56	0.6	17	946	73	0.7	44
Putnam	109,134	8,543	21	7.8	2	717	63	0.7	15	7,825	13	7.2	2
Randolph	376,749	11,254	11	3.0	12	8,447	2	2.2	3	2,807	38	0.8	42
Richland	229,131	1,295	85	0.6	76	186	99	0.1	97	1,109	67	0.5	53
Rock Island	286,170	16,201	3	5.7	4	1,188	39	0.4	33	15,012	3	5.3	3
Saline	245,006	1,879	72	0.8	63	337	89	0.1	83	1,542	59	0.6	47
Sangamon	555,423	6,475	27	1.2	44	1,767	25	0.3	45	4,708	27	0.9	37
Schuyler	279,499	3,096	54	1.1	45	1,029	45	0.4	40	2,067	46	0.7	43
Scott	159,637	1,621	78	1.0	49	1,368	32	0.9	11	254	96	0.2	88
Shelby	486,371	7,306	26	1.5	34	812	55	0.2	73	6,494	19	1.3	26
St. Clair	426,630	6,381	28	1.5	35	2,651	14	0.6	18	3,730	33	0.9	33
Stark	182,827	871	96	0.5	82	468	78	0.3	54	403	89	0.2	81
Stephenson	358,389	2,218	65	0.6	72	1,973	22	0.6	22	244	97	0.1	100
Tazewell	416,801	5,168	35	1.2	42	1,595	29	0.4	36	3,573	35	0.9	36
Union	267,416	4,356	40	1.6	30	4,058	8	1.5	6	298	94	0.1	97
Vermilion	570,680	3,020	57	0.5	79	1,093	43	0.2	67	1,927	49	0.3	67
Wabash	144,043	2,891	60	2.0	27	2,598	15	1.8	5	294	95	0.2	83
Warren	344,530	1,204	90	0.4	89	731	61	0.2	64	473	87	0.1	90
Washington	356,935	1,046	93	0.3	96	647	67	0.2	69	399	90	0.1	96
Wayne	452,962	1,272	87	0.3	98	688	65	0.2	76	583	83	0.1	94
White	317,751	4,194	42	1.3	40	3,874	9	1.2	8	320	93	0.1	98
Whiteside	442,558	9,733	19	2.2	23	3,695	11	0.8	12	6,038	20	1.4	25
Will	538,379	11,647	8	2.2	24	3,015	12	0.6	20	8,632	11	1.6	18
Williamson	281,294	11,413	10	4.1	8	461	80	0.2	75	10,952	7	3.9	7
Winnebago	329,724	4,032	44	1.2	43	2,359	17	0.7	14	1,674	55	0.5	51
Woodford	343,889	1,232	88	0.4	87	570	72	0.2	74	662	79	0.2	84

Table E9. Summary of data for lacustrine and riverine deepwater habitat in Illinois by county, 1980–1987.

County	Total acres	Lacustrine				Riverine			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank
Adams	551,553	8,761	10	1.6	19	1,730	32	0.3	57
Alexander	160,469	227	91	0.1	75	9,588	1	6.0	1
Bond	242,322	1,053	63	0.4	56	224	101	0.1	101
Boone	179,120	223	92	0.1	76	335	98	0.2	88
Brown	194,458	529	73	0.3	66	1,274	44	0.7	19
Bureau	554,218	2,532	39	0.5	55	2,610	16	0.5	31
Calhoun	179,640	16,812	1	9.4	1	1,806	30	1.0	10
Carroll	296,131	14,410	4	4.9	5	844	70	0.3	62
Cass	243,334	4,255	30	1.8	18	1,146	50	0.5	30
Champaign	632,147	352	82	0.1	96	1,776	31	0.3	65
Christian	452,857	3,506	33	0.8	38	1,079	56	0.2	77
Clark	319,508	1,090	61	0.3	62	903	63	0.3	64
Clay	297,117	118	97	0.0	97	614	82	0.2	85
Clinton	318,628	16,519	2	5.2	3	1,175	48	0.4	44
Coles	323,089	854	65	0.3	67	1,108	54	0.3	51
Cook	607,261	3,863	31	0.6	46	4,004	7	0.7	18
Crawford	281,838	102	98	0.0	99	1,430	37	0.5	27
Cumberland	219,489	531	72	0.2	68	656	81	0.3	59
DeKalb	402,704	375	79	0.1	87	856	67	0.2	83
DeWitt	256,452	4,888	26	1.9	16	577	84	0.2	81
Douglas	264,212	96	99	0.0	98	891	65	0.3	52
DuPage	213,476	736	68	0.3	61	561	85	0.3	70
Edgar	394,860	235	90	0.1	94	366	92	0.1	100
Edwards	140,953	38	102	0.0	101	366	93	0.3	71
Effingham	303,955	691	69	0.2	69	376	91	0.1	96
Fayette	459,254	2,352	41	0.5	50	1,642	33	0.4	50
Ford	308,094	193	94	0.1	92	850	68	0.3	67
Franklin	273,296	10,267	9	3.8	8	546	86	0.2	86
Fulton	559,507	7,540	15	1.4	24	2,626	15	0.5	32
Gallatin	207,810	2,147	45	1.0	31	757	74	0.4	48
Greene	346,252	987	64	0.3	65	2,448	18	0.7	16
Grundy	272,950	6,356	20	2.3	13	1,147	49	0.4	35
Hamilton	275,902	315	84	0.1	80	415	90	0.2	95
Hancock	515,560	12,341	5	2.4	12	1,232	46	0.2	76
Hardin	114,277	1,221	59	1.1	30	363	95	0.3	56
Henderson	250,584	10,542	8	4.2	6	969	60	0.4	41
Henry	523,022	535	70	0.1	83	2,497	17	0.5	29
Iroquois	709,175	250	87	0.0	100	1,866	27	0.3	69
Jackson	383,493	5,412	24	1.4	23	4,527	6	1.2	7
Jasper	315,429	2,149	44	0.7	45	894	64	0.3	63
Jefferson	369,621	5,521	23	1.5	21	340	97	0.1	102
Jersey	238,917	4,256	29	1.8	17	785	72	0.3	53
Jo Daviess	392,650	11,554	6	2.9	9	1,529	35	0.4	40
Johnson	220,832	1,510	55	0.7	44	542	87	0.3	75
Kane	332,583	1,793	49	0.5	49	600	83	0.2	91
Kankakee	431,755	834	66	0.2	72	2,272	22	0.5	26
Kendall	204,431	145	95	0.1	90	1,283	43	0.6	20
Knox	455,909	1,579	54	0.4	60	1,812	29	0.4	39
Lake	298,839	6,452	18	2.2	15	1,131	51	0.4	43
Lasalle	727,986	7,079	17	1.0	32	3,873	9	0.5	25
Lawrence	236,663	427	75	0.2	73	1,429	38	0.6	21
Lee	462,209	1,416	58	0.3	64	1,847	28	0.4	37
Livingston	662,753	525	74	0.1	88	2,439	19	0.4	45
Logan	391,877	406	77	0.1	82	1,266	45	0.3	55
Macon	370,939	3,175	35	0.9	33	849	69	0.2	80
Macoupin	549,074	2,209	43	0.4	58	1,284	42	0.2	79
Madison	468,445	5,809	21	1.2	26	5,217	4	1.1	8
Marion	364,633	1,493	56	0.4	57	365	94	0.1	98
Marshall	252,808	7,434	16	2.9	10	725	77	0.3	61
Mason	355,727	7,840	14	2.2	14	1,104	55	0.3	58
Massac	153,151	1,755	52	1.2	28	273	100	0.2	92
McDonough	373,708	358	81	0.1	86	943	61	0.3	73
McHenry	387,915	2,221	42	0.6	48	1,399	39	0.4	49

County	Total acres	Lacustrine				Riverine			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank
McLean	751,388	1,473	57	0.2	71	2,030	24	0.3	68
Menard	199,601	241	89	0.1	78	1,116	52	0.6	23
Mercer	359,720	4,440	27	1.2	27	1,321	41	0.4	46
Monroe	251,781	254	86	0.1	84	6,092	3	2.4	2
Montgomery	449,236	3,651	32	0.8	35	750	75	0.2	93
Morgan	362,701	1,804	48	0.5	51	1,002	57	0.3	66
Moultrie	217,814	5,618	22	2.6	11	352	96	0.2	94
Ogle	484,561	1,778	50	0.4	59	2,372	21	0.5	28
Peoria	399,182	2,879	37	0.7	41	1,456	36	0.4	47
Perry	283,096	2,388	40	0.8	34	315	99	0.1	97
Piatt	278,155	69	101	0.0	102	697	79	0.3	74
Pike	536,318	8,030	12	1.5	20	3,877	8	0.7	15
Pope	237,144	1,778	51	0.8	39	770	73	0.3	54
Pulaski	128,751	758	67	0.6	47	990	59	0.8	13
Putnam	109,134	8,078	11	7.4	2	465	89	0.4	34
Randolph	376,749	2,733	38	0.7	40	8,521	2	2.3	3
Richland	229,131	1,080	62	0.5	54	215	102	0.1	99
Rock Island	286,170	14,647	3	5.1	4	1,554	34	0.5	24
Saline	245,006	1,160	60	0.5	53	719	78	0.3	60
Sangamon	555,423	4,362	28	0.8	37	2,112	23	0.4	42
Schuyler	279,499	1,982	46	0.7	43	1,114	53	0.4	38
Scott	159,637	245	88	0.2	74	1,376	40	0.9	11
Shelby	486,371	6,366	19	1.3	25	941	62	0.2	87
St. Clair	426,630	3,075	36	0.7	42	3,306	13	0.8	12
Stark	182,827	135	96	0.1	89	736	76	0.4	36
Stephenson	358,389	202	93	0.1	95	2,016	25	0.6	22
Tazewell	416,801	3,290	34	0.8	36	1,878	26	0.5	33
Union	267,416	532	71	0.2	70	3,824	11	1.4	5
Vermilion	570,680	1,811	47	0.3	63	1,208	47	0.2	84
Wabash	144,043	91	100	0.1	91	2,800	14	1.9	4
Warren	344,530	333	83	0.1	85	871	66	0.3	72
Washington	356,935	388	78	0.1	81	658	80	0.2	89
Wayne	452,962	272	85	0.1	93	1,000	58	0.2	82
White	317,751	363	80	0.1	79	3,831	10	1.2	6
Whiteside	442,558	5,051	25	1.1	29	4,682	5	1.1	9
Will	538,379	7,962	13	1.5	22	3,686	12	0.7	17
Williamson	281,294	10,896	7	3.9	7	517	88	0.2	90
Winnebago	329,724	1,637	53	0.5	52	2,395	20	0.7	14
Woodford	343,889	416	76	0.1	77	816	71	0.2	78

APPENDIX F

Summary of data for Illinois wetlands and deepwater habitats by hydrologic basin, 1980–1987

Table F1. Summary of data for all wetlands, natural wetlands, and modified/artificial wetlands in Illinois by hydrologic basin, 1980–1987.

Basin	Total acres	All wetlands				Natural				Modified/artificial			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
Lake Michigan													
Calumet River	10,561	837	50	7.9	6	563	50	5.3	11	274	47	2.6	6
Lake Front	38,065	3,226	47	8.5	4	3,049	45	8.0	4	177	49	0.5	28
Ohio River													
Little Vermilion River	131,745	1,005	49	0.8	50	765	49	0.6	49	240	48	0.2	46
Vermilion River	820,368	8,434	43	1.0	49	6,714	39	0.8	48	1,720	39	0.2	44
Wabash River tributaries, Upper	571,843	14,184	33	2.5	31	12,039	28	2.1	25	2,145	34	0.4	35
Embarras River	1,541,526	39,851	10	2.6	28	34,838	8	2.3	24	5,013	18	0.3	38
Wabash River tributaries, Lower	412,636	27,230	16	6.6	9	25,392	11	6.2	7	1,838	38	0.4	30
Little Wabash River	1,354,908	56,974	5	4.2	21	51,234	3	3.8	16	5,740	16	0.4	33
Skillet Fork	672,425	24,511	17	3.6	25	20,602	16	3.1	19	3,909	23	0.6	25
Ohio River tributaries	393,092	19,802	26	5.0	17	17,100	20	4.4	13	2,702	31	0.7	21
Saline River	745,626	40,863	8	5.5	15	35,433	7	4.8	12	5,430	17	0.7	20
Cache River, Upper	378,650	28,505	15	7.5	7	24,255	12	6.4	5	4,250	21	1.1	13
Mississippi River													
Mississippi River tributaries													
Dubuque to Fulton	544,607	14,069	34	2.6	29	2,705	46	0.5	50	11,364	8	2.1	7
Fulton to New Boston	330,668	17,168	29	5.2	16	6,680	40	2.0	26	10,487	10	3.2	2
New Boston to Warsaw	1,104,578	22,678	19	2.1	36	11,163	31	1.0	41	11,516	7	1.0	15
Rock River													
Rock River tributaries to Rockton	8,127	351	51	4.3	20	344	51	4.2	14	6	51	0.1	49
Pecatonica River	466,581	12,796	36	2.7	26	12,472	27	2.7	20	325	46	0.1	51
Sugar Creek	42,950	2,382	48	5.5	14	2,352	47	5.5	10	31	50	0.1	50
Rock River below Rockton	1,369,318	22,249	21	1.6	42	17,496	18	1.3	36	4,753	19	0.3	37
Kishwaukee River	773,610	19,868	25	2.6	30	18,415	17	2.4	23	1,452	41	0.2	45
Green River	714,958	8,261	44	1.2	48	6,227	41	0.9	46	2,034	35	0.3	39
Mississippi River tributaries													
Warsaw to Quincy	385,862	17,181	28	4.5	19	5,974	43	1.5	33	11,207	9	2.9	5
Quincy to Grafton	627,149	35,187	14	5.6	13	15,688	21	2.5	22	19,499	4	3.1	3
Grafton to Hartford	171,279	4,160	46	2.4	32	2,147	48	1.3	38	2,012	36	1.2	10
Illinois River													
Kankakee River	551,595	9,758	40	1.8	40	8,478	35	1.5	34	1,280	42	0.2	43
Iroquois River	820,217	10,562	38	1.3	45	9,905	32	1.2	40	657	45	0.1	48
Chicago River/Canals	370,772	8,491	42	2.3	34	6,852	38	1.8	28	1,639	40	0.4	31
Des Plaines River	835,516	38,750	12	4.6	18	31,282	10	3.7	17	7,468	13	0.9	16
Illinois River, Will Co. line to Ottawa	638,163	12,080	37	1.9	39	8,152	36	1.3	37	3,927	22	0.6	22
Fox River, Upper	396,773	39,891	9	10.1	1	36,611	6	9.2	1	3,279	26	0.8	18
Fox Rive, Lower	706,742	14,204	32	2.0	37	11,320	30	1.6	31	2,884	29	0.4	34
Illinois River, Ottawa to East Peoria	1,248,118	52,005	6	4.2	23	15,421	22	1.2	39	36,583	2	2.9	4
Vermilion River	845,433	4,861	45	0.6	51	3,811	44	0.5	51	1,049	44	0.1	47
Illinois Rive, East Peoria to Beardstown	976,555	60,999	4	6.2	11	13,522	25	1.4	35	47,478	1	4.9	1
Mackinaw River	728,475	8,752	41	1.2	47	6,879	37	0.9	44	1,874	37	0.3	41
Spoon River	1,186,265	20,057	24	1.7	41	9,803	33	0.8	47	10,254	11	0.9	17
Sangamon River													
Sangamon River, Upper	916,577	17,629	27	1.9	38	15,085	24	1.6	30	2,543	32	0.3	40
Sangamon River, South Fork	740,284	16,379	30	2.2	35	13,224	26	1.8	29	3,154	28	0.4	32
Sangamon River, Lower	603,037	21,984	22	3.6	24	15,147	23	2.5	21	6,837	14	1.1	12
Sangamon River, Salt Fork	1,182,422	14,392	31	1.2	46	11,559	29	1.0	43	2,833	30	0.2	42
Lamoine River	855,079	20,463	23	2.4	33	17,263	19	2.0	27	3,200	27	0.4	36
Illinois River, Beardstown to Mississippi River	1,445,918	39,165	11	2.7	27	22,437	13	1.6	32	16,728	5	1.2	11
Macoupin Creek	616,958	9,917	39	1.6	43	6,142	42	1.0	42	3,775	24	0.6	24
Mississippi River tributaries													
Hartford to Reily Lake	558,587	37,869	13	6.8	8	31,843	9	5.7	9	6,026	15	1.1	14
Reily Lake to Cairo	433,279	41,688	7	9.6	3	39,229	5	9.1	3	2,459	33	0.6	26
Big Muddy River	1,510,658	123,770	1	8.2	5	94,543	1	6.3	6	29,227	3	1.9	8
Cache River, Lower	231,454	22,361	20	9.7	2	21,226	14	9.2	2	1,135	43	0.5	27
Kaskaskia River													
Kaskaskia River, Upper	992,816	13,601	35	1.4	44	9,160	34	0.9	45	4,441	20	0.4	29
Kaskaskia River, Middle	1,085,971	61,271	3	5.6	12	45,854	4	4.2	15	15,417	6	1.4	9
Shoal Creek	580,259	24,311	18	4.2	22	20,751	15	3.6	18	3,560	25	0.6	23
Kaskaskia River, Lower	1,017,730	66,516	2	6.5	10	58,265	2	5.7	8	8,251	12	0.8	19

Table F2. Summary of data for palustrine, lacustrine, and riverine wetlands in Illinois by hydrologic basin, 1980–1987.

Basin	Total acres	Palustrine				Lacustrine				Riverine			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
Lake Michigan													
Calumet River	10,561	823	50	7.8	4	13	35	0.1	9	0	0	0.0	0
Lake Front	38,065	2,949	47	7.7	5	277	13	0.7	4	0	0	0.0	0
Ohio River													
Little Vermilion River	131,745	982	49	0.7	50	0	0	0.0	0	23	45	0.0	41
Vermilion River	820,368	8,321	42	1.0	49	26	30	0.0	34	86	42	0.0	44
Wabash River tributaries, Upper	571,843	13,931	31	2.4	31	0	0	0.0	0	253	34	0.0	34
Embarras River	1,541,526	39,365	8	2.6	29	3	41	0.0	41	483	26	0.0	38
Wabash River tributaries, Lower	412,636	26,798	16	6.5	9	113	24	0.0	19	318	31	0.1	22
Little Wabash River	1,354,908	55,959	3	4.1	21	176	20	0.0	25	839	16	0.1	28
Skillet Fork	672,425	23,434	18	3.5	24	234	16	0.0	18	843	15	0.1	10
Ohio River tributaries	393,092	19,451	24	4.9	16	137	21	0.0	17	214	36	0.1	31
Saline River	745,626	39,673	6	5.3	12	180	19	0.0	22	1,009	10	0.1	6
Cache River, Upper	378,650	27,987	15	7.4	7	134	22	0.0	16	383	29	0.1	16
Mississippi River													
Mississippi River tributaries													
Dubuque to Fulton	544,607	13,867	32	2.5	30	53	26	0.0	26	149	38	0.0	39
Fulton to New Boston	330,668	16,925	28	5.1	14	14	34	0.0	33	229	35	0.1	25
New Boston to Warsaw	1,104,578	21,025	21	1.9	37	422	11	0.0	15	1,232	8	0.1	12
Rock River													
Rock River tributaries to Rockton	8,127	351	51	4.3	20	0	0	0.0	0	0	0	0.0	0
Pecatonica River	466,581	12,628	36	2.7	26	22	31	0.0	32	147	39	0.0	37
Sugar Creek	42,950	2,379	48	5.5	11	0	0	0.0	0	3	46	0.0	46
Rock River below Rockton	1,369,318	21,282	19	1.6	41	82	25	0.0	30	885	13	0.1	27
Kishwaukee River	773,610	19,803	23	2.6	28	0	0	0.0	0	65	44	0.0	45
Green River	714,958	7,557	44	1.1	48	0	0	0.0	0	703	18	0.1	17
Mississippi River tributaries													
Warsaw to Quincy	385,862	16,673	29	4.3	19	5	38	0.0	37	504	24	0.1	8
Quincy to Grafton	627,149	33,026	14	5.3	13	556	10	0.1	11	1,604	3	0.3	2
Grafton to Hartford	171,279	4,078	46	2.4	32	13	36	0.0	28	69	43	0.0	35
Illinois River													
Kankakee River	551,595	9,480	39	1.7	39	0	0	0.0	0	278	33	0.1	32
Iroquois River	820,217	10,467	38	1.3	45	0	0	0.0	0	95	41	0.0	43
Chicago River/Canals	370,772	8,456	41	2.3	33	33	29	0.0	27	1	47	0.0	47
Des Plaines River	835,516	37,629	9	4.5	18	980	7	0.1	10	141	40	0.0	42
Illinois River, Will Co. line to Ottawa	638,163	10,850	37	1.7	40	45	27	0.0	29	1,185	9	0.2	3
Fox River, Upper	396,773	33,620	13	8.5	3	6,270	4	1.6	1	1	48	0.0	48
Fox River, Lower	706,742	13,787	33	2.0	36	133	23	0.0	24	284	32	0.0	36
Illinois River, Ottawa to East Peoria	1,248,118	34,421	12	2.8	25	15,952	1	1.3	3	1,632	1	0.1	7
Vermilion River	845,433	4,445	45	0.5	51	0	0	0.0	0	415	28	0.0	33
Illinois River, East Peoria to Beardstown	976,555	46,571	5	4.8	17	13,174	2	1.3	2	1,253	7	0.1	9
Mackinaw River	728,475	8,122	43	1.1	47	38	28	0.0	31	592	20	0.1	21
Spoon River	1,186,265	18,396	26	1.6	42	253	14	0.0	23	1,408	5	0.1	11
Sangamon River													
Sangamon River, Upper	916,577	17,072	27	1.9	38	4	40	0.0	39	553	23	0.1	29
Sangamon River, South Fork	740,284	15,483	30	2.1	35	188	18	0.0	20	708	17	0.1	18
Sangamon River, Lower	603,037	21,117	20	3.5	23	232	17	0.0	14	635	19	0.1	14
Sangamon River, Salt Fork	1,182,422	13,507	34	1.1	46	5	39	0.0	40	879	14	0.1	24
Lamoine River	855,079	19,124	25	2.2	34	10	37	0.0	38	1,329	6	0.2	4
Illinois River, Beardstown to Mississippi River	1,445,918	37,359	10	2.6	27	806	8	0.1	12	1,000	12	0.1	26
Macoupin Creek	616,958	9,449	40	1.5	43	0	0	0.0	0	469	27	0.1	23
Mississippi River tributaries													
Hartford to Reily Lake	558,587	37,069	11	6.6	8	302	12	0.1	13	499	25	0.1	20
Reily Lake to Cairo	433,279	39,367	7	9.1	1	744	9	0.2	8	1,577	4	0.4	1
Big Muddy River	1,510,658	114,388	1	7.6	6	7,760	3	0.5	5	1,623	2	0.1	13
Cache River, Lower	231,454	20,966	22	9.1	2	1,052	6	0.5	6	343	30	0.1	5
Kaskaskia River													
Kaskaskia River, Upper	992,816	13,407	35	1.4	44	19	32	0.0	36	175	37	0.0	40
Kaskaskia River, Middle	1,085,971	55,463	4	5.1	15	4,806	5	0.4	7	1,002	11	0.1	19
Shoal Creek	580,259	23,705	17	4.1	22	15	33	0.0	35	591	21	0.1	15
Kaskaskia River, Lower	1,017,730	65,688	2	6.5	10	252	15	0.0	21	576	22	0.1	30

Table F3. Summary of data for all forested wetlands, swamp, and bottomland forested wetlands in Illinois by hydrologic basin, 1980–1987.

Basin	Total acres	Forested				Swamp				Bottomland forest			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
Lake Michigan													
Calumet River	10,561	50	51	0.5	49	0	0	0.0	0	50	51	0.5	49
Lake Front	38,065	343	49	0.9	34	2	36	0.0	18	341	49	0.9	34
Ohio River													
Little Vermilion River	131,745	827	48	0.6	46	0	0	0.0	0	827	48	0.6	46
Vermilion River	820,368	5,216	38	0.6	45	0	0	0.0	0	5,216	38	0.6	45
Wabash River tributaries, Upper	571,843	11,363	25	2.0	22	80	13	0.0	12	11,283	25	2.0	22
Embarras River	1,541,526	31,725	5	2.1	21	192	11	0.0	13	31,533	5	2.0	21
Wabash River tributaries, Lower	412,636	22,252	12	5.4	5	582	7	0.1	7	21,670	12	5.3	4
Little Wabash River	1,354,908	47,349	3	3.5	13	50	15	0.0	23	47,299	3	3.5	12
Skillet Fork	672,425	18,757	16	2.8	19	3	34	0.0	35	18,754	16	2.8	19
Ohio River tributaries	393,092	14,778	18	3.8	10	1,247	5	0.3	3	13,531	20	3.4	13
Saline River	745,626	28,820	8	3.9	8	224	10	0.0	10	28,596	7	3.8	8
Cache River, Upper	378,650	22,129	13	5.8	3	2,779	2	0.7	2	19,351	13	5.1	5
Mississippi River													
Mississippi River tributaries													
Dubuque to Fulton	544,607	10,471	26	1.9	23	20	22	0.0	24	10,451	26	1.9	23
Fulton to New Boston	330,668	11,888	24	3.6	11	3	35	0.0	29	11,885	24	3.6	10
New Boston to Warsaw	1,104,578	14,431	19	1.3	30	0	0	0.0	0	14,431	17	1.3	30
Rock River													
Rock River tributaries to Rockton	8,127	278	50	3.4	15	0	0	0.0	0	278	50	3.4	15
Pecatonica River	466,581	6,351	33	1.4	28	4	31	0.0	30	6,347	33	1.4	28
Sugar Creek	42,950	1,526	47	3.6	12	5	28	0.0	14	1,521	47	3.5	11
Rock River below Rockton	1,369,318	9,775	28	0.7	42	15	23	0.0	28	9,760	28	0.7	42
Kishwaukee River	773,610	5,463	35	0.7	43	0	0	0.0	0	5,463	35	0.7	43
Green River	714,958	2,486	45	0.3	50	2	37	0.0	37	2,484	45	0.3	50
Mississippi River tributaries													
Warsaw to Quincy	385,862	12,834	21	3.3	17	0	0	0.0	0	12,834	21	3.3	17
Quincy to Grafton	627,149	24,482	10	3.9	7	5	29	0.0	31	24,477	10	3.9	7
Grafton to Hartford	171,279	2,029	46	1.2	31	6	27	0.0	25	2,024	46	1.2	31
Illinois River													
Kankakee River	551,595	4,541	40	0.8	36	22	21	0.0	21	4,519	40	0.8	36
Iroquois River	820,217	6,339	34	0.8	39	2	38	0.0	41	6,337	34	0.8	39
Chicago River/Canals	370,772	3,556	42	1.0	33	1	40	0.0	39	3,555	42	1.0	33
Des Plaines River	835,516	9,089	30	1.1	32	50	16	0.0	17	9,039	30	1.1	32
Illinois River, Will Co. line to Ottawa	638,163	4,888	39	0.8	40	5	30	0.0	32	4,883	39	0.8	40
Fox River, Upper	396,773	2,685	43	0.7	44	1	41	0.0	40	2,684	43	0.7	44
Fox River, Lower	706,742	4,278	41	0.6	47	2	39	0.0	38	4,276	41	0.6	47
Illinois River, Ottawa to East Peoria	1,248,118	23,246	11	1.9	24	180	12	0.0	11	23,066	11	1.8	24
Vermilion River	845,433	2,508	44	0.3	51	14	24	0.0	27	2,494	44	0.3	51
Illinois River, East Peoria to Beardstown	976,555	30,067	6	3.1	18	1,875	4	0.2	5	28,192	8	2.9	18
Mackinaw River	728,475	5,250	37	0.7	41	0	0	0.0	0	5,250	37	0.7	41
Spoon River	1,186,265	6,554	32	0.6	48	1	42	0.0	42	6,553	32	0.6	48
Sangamon River													
Sangamon River, Upper	916,577	12,313	23	1.3	29	7	26	0.0	33	12,306	23	1.3	29
Sangamon River, South Fork	740,284	10,277	27	1.4	27	0	0	0.0	0	10,277	27	1.4	27
Sangamon River, Lower	603,037	14,082	20	2.3	20	70	14	0.0	15	14,011	19	2.3	20
Sangamon River, Salt Fork	1,182,422	9,291	29	0.8	38	46	19	0.0	22	9,246	29	0.8	38
Lamoine River	855,079	12,603	22	1.5	26	4	32	0.0	34	12,599	22	1.5	26
Illinois River, Beardstown to Mississippi River	1,445,918	25,500	9	1.8	25	4	33	0.0	36	25,496	9	1.8	25
Macoupin Creek	616,958	5,338	36	0.9	35	27	20	0.0	20	5,311	36	0.9	35
Mississippi River tributaries													
Hartford to Reily Lake	558,587	19,131	15	3.4	14	11	25	0.0	26	19,119	15	3.4	14
Reily Lake to Cairo	433,279	30,054	7	6.9	2	659	6	0.2	6	29,394	6	6.8	1
Big Muddy River	1,510,658	87,491	1	5.8	4	3,098	1	0.2	4	84,393	1	5.6	3
Cache River, Lower	231,454	16,973	17	7.3	1	2,762	3	1.2	1	14,211	18	6.1	2
Kaskaskia River													
Kaskaskia River, Upper	992,816	8,037	31	0.8	37	47	17	0.0	19	7,990	31	0.8	37
Kaskaskia River, Middle	1,085,971	41,952	4	3.9	9	388	9	0.0	9	41,564	4	3.8	9
Shoal Creek	580,259	19,392	14	3.3	16	47	18	0.0	16	19,345	14	3.3	16
Kaskaskia River, Lower	1,017,730	52,397	2	5.1	6	397	8	0.0	8	51,999	2	5.1	6

Table F4. Summary of data for all emergent wetlands, shallow marsh/wet meadow, and deep marsh in Illinois by hydrologic basin, 1980–1987.

Basin	Total acres	Emergent				Shallow marsh/wet meadow				Deep marsh			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
Lake Michigan													
Calumet River	10,561	505	48	4.8	3	191	49	1.8	4	314	29	3.0	2
Lake Front	38,065	2,206	31	5.8	2	462	47	1.2	7	1,744	5	4.6	1
Ohio River													
Little Vermilion River	131,745	62	50	0.0	51	61	50	0.0	51	1	51	0.0	51
Vermilion River	820,368	1,574	38	0.2	42	1,439	35	0.2	40	135	36	0.0	41
Wabash River tributaries, Upper	571,843	679	45	0.1	48	658	44	0.1	47	21	49	0.0	50
Embarras River	1,541,526	2,688	29	0.2	43	2,341	25	0.2	45	347	26	0.0	39
Wabash River tributaries, Lower	412,636	1,983	34	0.5	23	1,752	32	0.4	20	231	32	0.1	27
Little Wabash River	1,354,908	2,129	32	0.2	46	1,989	28	0.1	46	140	35	0.0	44
Skillet Fork	672,425	828	44	0.1	47	671	43	0.1	49	158	34	0.0	38
Ohio River tributaries	393,092	1,629	37	0.4	28	1,371	37	0.3	28	258	31	0.1	26
Saline River	745,626	2,717	28	0.4	33	1,973	29	0.3	32	745	15	0.1	19
Cache River, Upper	378,650	1,699	36	0.4	24	1,600	33	0.4	21	100	38	0.0	37
Mississippi River													
Mississippi River tributaries													
Dubuque to Fulton	544,607	1,987	33	0.4	32	1,289	38	0.2	35	698	17	0.1	13
Fulton to New Boston	330,668	2,971	25	0.9	11	2,615	21	0.8	11	355	23	0.1	16
New Boston to Warsaw	1,104,578	3,026	23	0.3	37	2,674	18	0.2	34	353	24	0.0	35
Rock River													
Rock River tributaries to Rockton	8,127	45	51	0.6	18	37	51	0.5	17	9	50	0.1	14
Pecatonica River	466,581	4,889	11	1.0	9	4,541	8	1.0	8	348	25	0.1	24
Sugar Creek	42,950	622	46	1.4	7	587	45	1.4	6	34	48	0.1	23
Rock River below Rockton	1,369,318	8,326	6	0.6	16	7,908	5	0.6	15	417	22	0.0	36
Kishwaukee River	773,610	11,643	3	1.5	6	10,918	3	1.4	5	725	16	0.1	20
Green River	714,958	3,026	24	0.4	27	2,708	17	0.4	24	318	28	0.0	31
Mississippi River tributaries													
Warsaw to Quincy	385,862	1,201	42	0.3	35	1,135	41	0.3	30	66	41	0.0	40
Quincy to Grafton	627,149	3,074	22	0.5	22	2,752	16	0.4	18	322	27	0.1	29
Grafton to Hartford	171,279	363	49	0.2	41	297	48	0.2	41	65	42	0.0	33
Illinois River													
Kankakee River	551,595	3,691	14	0.7	13	3,399	13	0.6	12	291	30	0.1	28
Iroquois River	820,217	3,154	21	0.4	29	3,071	15	0.4	25	83	40	0.0	45
Chicago River/Canals	370,772	2,780	26	0.8	12	2,271	27	0.6	13	509	20	0.1	11
Des Plaines River	835,516	19,714	2	2.4	4	15,571	2	1.9	2	4,143	2	0.5	4
Illinois River, Will Co. line to Ottawa	638,163	3,419	16	0.5	21	2,596	22	0.4	22	822	14	0.1	12
Fox River, Upper	396,773	25,584	1	6.4	1	17,957	1	4.5	1	7,628	1	1.9	3
Fox River, Lower	706,742	6,900	7	1.0	10	6,283	7	0.9	10	617	19	0.1	21
Illinois River, Ottawa to East Peoria	1,248,118	5,353	10	0.4	26	4,021	10	0.3	29	1,333	9	0.1	17
Vermilion River	845,433	987	43	0.1	49	940	42	0.1	48	48	47	0.0	48
Illinois River, East Peoria to Beardstown	976,555	6,195	8	0.6	15	3,592	12	0.4	27	2,603	3	0.3	5
Mackinaw River	728,475	1,230	41	0.2	44	1,180	40	0.2	42	50	46	0.0	46
Spoon River	1,186,265	2,729	27	0.2	40	2,276	26	0.2	38	453	21	0.0	32
Sangamon River													
Sangamon River, Upper	916,577	2,686	30	0.3	36	2,628	20	0.3	31	58	44	0.0	47
Sangamon River, South Fork	740,284	3,291	17	0.4	25	1,845	31	0.2	33	1,446	8	0.2	9
Sangamon River, Lower	603,037	3,259	18	0.5	20	2,592	23	0.4	19	666	18	0.1	15
Sangamon River, Salt Fork	1,182,422	1,942	35	0.2	45	1,890	30	0.2	43	52	45	0.0	49
Lamoine River	855,079	3,253	19	0.4	30	3,158	14	0.4	26	96	39	0.0	42
Illinois River, Beardstown to Mississippi River	1,445,918	3,639	15	0.3	38	2,649	19	0.2	39	989	11	0.1	25
Macoupin Creek	616,958	585	47	0.1	50	520	46	0.1	50	65	43	0.0	43
Mississippi River tributaries													
Hartford to Reily Lake	558,587	11,513	4	2.1	5	10,269	4	1.8	3	1,244	10	0.2	6
Reily Lake to Cairo	433,279	4,801	12	1.1	8	3,907	11	0.9	9	893	12	0.2	8
Big Muddy River	1,510,658	9,154	5	0.6	17	7,552	6	0.5	16	1,602	7	0.1	18
Cache River, Lower	231,454	1,511	39	0.7	14	1,396	36	0.6	14	116	37	0.1	30
Kaskaskia River													
Kaskaskia River, Upper	992,816	3,717	13	0.4	31	1,510	34	0.2	44	2,207	4	0.2	7
Kaskaskia River, Middle	1,085,971	5,981	9	0.6	19	4,261	9	0.4	23	1,721	6	0.2	10
Shoal Creek	580,259	1,382	40	0.2	39	1,182	39	0.2	37	201	33	0.0	34
Kaskaskia River, Lower	1,017,730	3,241	20	0.3	34	2,381	24	0.2	36	861	13	0.1	22

Table F5. Summary of data for scrub-shrub and open water wetlands in Illinois by hydrologic basin, 1980–1987.

Basin	Total acres	Scrub-shrub				Open water			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank
Lake Michigan									
Calumet River	10,561	17	49	0.2	21	251	48	2.4	1
Lake Front	38,065	144	45	0.4	5	257	47	0.7	11
Ohio River									
Little Vermilion River	131,745	15	50	0.0	51	78	50	0.1	51
Vermilion River	820,368	166	43	0.0	49	1,366	38	0.2	43
Wabash River tributaries,Upper	571,843	195	42	0.0	43	1,693	32	0.3	32
Embarras River	1,541,526	671	24	0.0	38	4,281	11	0.3	33
Wabash River tributaries, Lower	412,636	760	23	0.2	20	1,803	30	0.4	23
Little Wabash River	1,354,908	1,248	15	0.1	27	5,232	7	0.4	25
Skillet Fork	672,425	607	26	0.1	28	3,241	15	0.5	18
Ohio River tributaries	393,092	1,197	18	0.3	10	1,847	27	0.5	20
Saline River	745,626	3,441	2	0.5	2	4,695	10	0.6	12
Cache River, Upper	378,650	1,547	12	0.4	4	2,612	19	0.7	10
Mississippi River									
Mississippi River tributaries									
Dubuque to Fulton	544,607	647	25	0.1	24	763	45	0.1	47
Fulton to New Boston	330,668	1,023	19	0.3	9	1,043	41	0.3	29
New Boston to Warsaw	1,104,578	1,229	17	0.1	26	2,339	21	0.2	38
Rock River									
Rock River tributaries to Rockton	8,127	3	51	0.0	42	25	51	0.3	30
Pecatonica River	466,581	553	28	0.1	25	835	44	0.2	42
Sugar Creek	42,950	151	44	0.4	7	81	49	0.2	40
Rock River below Rockton	1,369,318	1,014	20	0.1	30	2,167	23	0.2	46
Kishwaukee River	773,610	959	21	0.1	23	1,737	31	0.2	36
Green River	714,958	380	32	0.1	35	1,665	33	0.2	35
Mississippi River tributaries									
Warsaw to Quincy	385,862	824	22	0.2	17	1,814	28	0.5	19
Quincy to Grafton	627,149	1,908	8	0.3	11	3,562	13	0.6	14
Grafton to Hartford	171,279	69	48	0.0	41	1,617	35	0.9	3
Illinois River									
Kankakee River	551,595	365	34	0.1	32	884	42	0.2	45
Iroquois River	820,217	265	39	0.0	46	709	46	0.1	50
Chicago River/Canals	370,772	310	37	0.1	29	1,810	29	0.5	17
Des Plaines River	835,516	1,643	10	0.2	18	7,183	4	0.9	6
Illinois River, Will Co. line to Ottawa	638,163	260	40	0.0	40	2,283	22	0.4	26
Fox River, Upper	396,773	1,465	13	0.4	6	3,885	12	1.0	2
Fox River, Lower	706,742	513	29	0.1	31	2,096	25	0.3	31
Illinois River, Ottawa to East Peoria	1,248,118	2,910	4	0.2	15	2,911	16	0.2	34
Vermilion River	845,433	105	47	0.0	50	845	43	0.1	49
Illinois River, East Peoria to Beardstown	976,555	3,368	3	0.3	8	6,942	5	0.7	9
Mackinaw River	728,475	237	41	0.0	45	1,405	37	0.2	39
Spoon River	1,186,265	575	27	0.0	36	8,538	2	0.7	8
Sangamon River									
Sangamon River, Upper	916,577	427	31	0.0	37	1,647	34	0.2	41
Sangamon River, South Fork	740,284	319	36	0.0	39	1,595	36	0.2	37
Sangamon River, Lower	603,037	1,641	11	0.3	13	2,135	24	0.4	27
Sangamon River, Salt Fork	1,182,422	371	33	0.0	47	1,903	26	0.2	44
Lamoine River	855,079	456	30	0.1	33	2,811	17	0.3	28
Illinois River, Beardstown to Mississippi River	1,445,918	2,202	6	0.2	22	6,018	6	0.4	24
Macoupin Creek	616,958	143	46	0.0	48	3,383	14	0.5	15
Mississippi River tributaries									
Hartford to Reily Lake	558,587	1,412	14	0.3	14	5,014	9	0.9	4
Reily Lake to Cairo	433,279	1,908	9	0.4	3	2,604	20	0.6	13
Big Muddy River	1,510,658	4,325	1	0.3	12	13,417	1	0.9	5
Cache River, Lower	231,454	1,233	16	0.5	1	1,248	40	0.5	16
Kaskaskia River									
Kaskaskia River, Upper	992,816	344	35	0.0	43	1,309	39	0.1	48
Kaskaskia River, Middle	1,085,971	2,489	5	0.2	16	5,041	8	0.5	21
Shoal Creek	580,259	309	38	0.1	34	2,621	18	0.5	22
Kaskaskia River, Lower	1,017,730	1,994	7	0.2	19	8,057	3	0.8	7

Table F6. Summary of data for shallow lake, lake shore, and emergent lake wetlands in Illinois by hydrologic basin, 1980–1987.

Basin	Total acres	Shallow lake				Lake shore				Emergent lake			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
Lake Michigan													
Calumet River	10,561	0	0	0.0	0	13	17	0.1	3	0	0	0.0	0
Lake Front	38,065	7	35	0.0	19	270	3	0.7	1	0	0	0.0	0
Ohio River													
Little Vermilion River	131,745	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Vermilion River	820,368	26	28	0.0	29	0	0	0.0	0	0	0	0.0	0
Wabash River tributaries,, Upper	571,843	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Embarras River	1,541,526	0	0	0.0	0	3	28	0.0	28	0	0	0.0	0
Wabash River tributaries, Lower	412,636	57	21	0.0	22	0	0	0.0	0	56	5	0.0	3
Little Wabash River	1,354,908	34	25	0.0	32	142	4	0.0	8	0	0	0.0	0
Skillet Fork	672,425	234	12	0.0	13	0	0	0.0	0	0	0	0.0	0
Ohio River tributaries	393,092	78	19	0.0	16	59	7	0.0	6	0	0	0.0	0
Saline River	745,626	70	20	0.0	23	45	13	0.0	11	65	4	0.0	4
Cache River, Upper	378,650	53	22	0.0	21	81	5	0.0	5	0	0	0.0	0
Mississippi River													
Mississippi River tributaries													
Dubuque to Fulton	544,607	25	29	0.0	28	28	15	0.0	13	0	0	0.0	0
Fulton to New Boston	330,668	10	33	0.0	30	4	26	0.0	24	0	0	0.0	0
New Boston to Warsaw	1,104,578	418	10	0.0	12	4	27	0.0	27	0	0	0.0	0
Rock River													
Rock River tributaries to Rockton	8,127	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Pecatonica River	466,581	22	30	0.0	27	0	0	0.0	0	0	0	0.0	0
Sugar Creek	42,950	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Rock River below Rockton	1,369,318	32	26	0.0	33	50	11	0.0	16	0	0	0.0	0
Kishwaukee River	773,610	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Green River	714,958	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Mississippi River tributaries													
Warsaw to Quincy	385,862	0	0	0.0	0	5	23	0.0	23	0	0	0.0	0
Quincy to Grafton	627,149	155	17	0.0	14	401	2	0.1	4	0	0	0.0	0
Grafton to Hartford	171,279	0	0	0.0	0	13	18	0.0	9	0	0	0.0	0
Illinois River													
Kankakee River	551,595	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Iroquois River	820,217	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Chicago River/Canals	370,772	28	27	0.0	24	5	24	0.0	22	0	0	0.0	0
Des Plaines River	835,516	979	7	0.1	8	1	29	0.0	29	0	0	0.0	0
Illinois River, Will Co. line to Ottawa	638,163	36	24	0.0	25	9	20	0.0	21	0	0	0.0	0
Fox River, Upper	396,773	6,264	4	1.6	1	6	22	0.0	19	0	0	0.0	0
Fox River, Lower	706,742	132	18	0.0	18	0	0	0.0	0	0	0	0.0	0
Illinois River, Ottawa to East Peoria	1,248,118	15,910	1	1.3	3	42	14	0.0	18	0	0	0.0	0
Vermilion River	845,433	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Illinois River, East Peoria to Beardstown	976,555	13,107	2	1.3	2	67	6	0.0	10	0	0	0.0	0
Mackinaw River	728,475	38	23	0.0	26	0	0	0.0	0	0	0	0.0	0
Spoon River	1,186,265	207	14	0.0	20	47	12	0.0	15	0	0	0.0	0
Sangamon River													
Sangamon River, Upper	916,577	4	36	0.0	36	0	0	0.0	0	0	0	0.0	0
Sangamon River, South Fork	740,284	177	16	0.0	15	11	19	0.0	20	0	0	0.0	0
Sangamon River, Lower	603,037	232	13	0.0	11	0	0	0.0	0	0	0	0.0	0
Sangamon River, Salt Fork	1,182,422	0	0	0.0	0	5	25	0.0	26	0	0	0.0	0
Lamoine River	855,079	9	34	0.0	35	1	30	0.0	30	0	0	0.0	0
Illinois River, Beardstown to Mississippi River	1,445,918	729	8	0.1	9	7	21	0.0	25	71	2	0.0	5
Macoupin Creek	616,958	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0
Mississippi River tributaries													
Hartford to Reily Lake	558,587	274	11	0.0	10	28	16	0.0	14	0	0	0.0	0
Reily Lake to Cairo	433,279	624	9	0.1	7	54	9	0.0	7	67	3	0.0	2
Big Muddy River	1,510,658	7,197	3	0.5	4	53	10	0.0	17	510	1	0.0	1
Cache River, Lower	231,454	1,052	6	0.5	5	0	0	0.0	0	0	0	0.0	0
Kaskaskia River													
Kaskaskia River, Upper	992,816	19	31	0.0	34	0	0	0.0	0	0	0	0.0	0
Kaskaskia River, Middle	1,085,971	3,414	5	0.3	6	1,388	1	0.1	2	3	6	0.0	6
Shoal Creek	580,259	15	32	0.0	31	0	0	0.0	0	0	0	0.0	0
Kaskaskia River, Lower	1,017,730	196	15	0.0	17	56	8	0.0	12	0	0	0.0	0

Table F7. Summary of data for perennial and intermittent riverine wetlands in Illinois by hydrologic basin, 1980–1987.

Basin	Total acres	Perennial				Intermittent			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank
Lake Michigan									
Calumet River	10,561	0	0	0.0	0	0	0	0.0	0
Lake Front	38,065	0	0	0.0	0	0	0	0.0	0
Ohio River									
Little Vermilion River	131,745	0	0	0.0	0	23	45	0.0	40
Vermilion River	820,368	15	24	0.0	24	72	42	0.0	44
Wabash River tributaries, Upper	571,843	86	14	0.0	11	167	36	0.0	36
Embarras River	1,541,526	93	11	0.0	18	390	28	0.0	37
Wabash River tributaries, Lower	412,636	111	9	0.0	4	208	35	0.1	31
Little Wabash River	1,354,908	17	22	0.0	27	822	11	0.1	26
Skillet Fork	672,425	0	0	0.0	0	843	10	0.1	7
Ohio River tributaries	393,092	2	36	0.0	33	212	34	0.1	30
Saline River	745,626	2	37	0.0	40	1,008	8	0.1	4
Cache River, Upper	378,650	30	18	0.0	16	353	29	0.1	17
Mississippi River									
Mississippi River tributaries									
Dubuque to Fulton	544,607	15	25	0.0	21	134	40	0.0	38
Fulton to New Boston	330,668	4	33	0.0	28	225	33	0.1	22
New Boston to Warsaw	1,104,578	25	21	0.0	22	1,206	5	0.1	10
Rock River									
Rock River tributaries to Rockton	8,127	0	0	0.0	0	0	0	0.0	0
Pecatonica River	466,581	2	38	0.0	34	145	38	0.0	35
Sugar Creek	42,950	0	0	0.0	0	3	46	0.0	46
Rock River Below Rockton	1,369,318	26	20	0.0	23	859	9	0.1	25
Kishwaukee River	773,610	2	39	0.0	41	63	43	0.0	45
Green River	714,958	2	40	0.0	39	701	17	0.1	14
Mississippi River tributaries									
Warsaw to Quincy	385,862	16	23	0.0	20	488	23	0.1	5
Quincy to Grafton	627,149	815	2	0.1	2	789	13	0.1	6
Grafton to Hartford	171,279	30	19	0.0	10	39	44	0.0	39
Illinois River									
Kankakee River	551,595	2	41	0.0	38	275	30	0.1	32
Iroquois River	820,217	3	34	0.0	36	91	41	0.0	43
Chicago River/Canals	370,772	0	0	0.0	0	1	47	0.0	47
Des Plaines River	835,516	3	35	0.0	37	138	39	0.0	41
Illinois River, Will Co. line to Ottawa	638,163	0	0	0.0	0	1,185	6	0.2	1
Fox River, Upper	396,773	0	0	0.0	0	1	48	0.0	48
Fox River, Lower	706,742	10	27	0.0	26	274	31	0.0	34
Illinois River, Ottawa to East Peoria	1,248,118	263	3	0.0	6	1,369	2	0.1	9
Vermilion River	845,433	5	32	0.0	32	410	26	0.0	33
Illinois River, East Peoria to Beardstown	976,555	198	5	0.0	7	1,055	7	0.1	12
Mackinaw River	728,475	132	8	0.0	8	460	25	0.1	23
Spoon River	1,186,265	89	13	0.0	17	1,319	3	0.1	8
Sangamon River									
Sangamon River, Upper	916,577	8	28	0.0	30	545	21	0.1	27
Sangamon River, South Fork	740,284	0	0	0.0	0	708	16	0.1	15
Sangamon River, Lower	603,037	65	15	0.0	14	570	19	0.1	16
Sangamon River, Salt Fork	1,182,422	133	7	0.0	13	746	14	0.1	24
Lamoine River	855,079	43	17	0.0	19	1,286	4	0.2	2
Illinois River, Beardstown to Mississippi River	1,445,918	192	6	0.0	12	808	12	0.1	28
Macoupin Creek	616,958	7	30	0.0	29	462	24	0.1	19
Mississippi River tributaries									
Hartford to Reily Lake	558,587	100	10	0.0	9	399	27	0.1	20
Reily Lake to Cairo	433,279	979	1	0.2	1	597	18	0.1	3
Big Muddy River	1,510,658	6	31	0.0	35	1,617	1	0.1	13
Cache River, Lower	231,454	90	12	0.0	3	252	32	0.1	11
Kaskaskia River									
Kaskaskia River, Upper	992,816	14	26	0.0	25	162	37	0.0	42
Kaskaskia River, Middle	1,085,971	263	4	0.0	5	739	15	0.1	21
Shoal Creek	580,259	54	16	0.0	15	538	22	0.1	18
Kaskaskia River, Lower	1,017,730	8	29	0.0	31	567	20	0.1	29

Table F8. Summary of data for all deepwater, natural deepwater, and modified/artificial deepwater in Illinois by hydrologic basin, 1980-1987.

Basin	Total acres	Deepwater				Natural				Modified/artificial			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank	Acres	Rank	%	Rank
Lake Michigan													
Calumet River	10,561	1,659	46	15.7	1	195	47	1.8	4	1,464	38	13.9	1
Lake Front	38,065	133	51	0.3	46	8	51	0.0	50	125	50	0.3	37
Ohio River													
Little Vermilion River	131,745	198	50	0.2	51	20	50	0.0	51	178	49	0.1	47
Vermilion River	820,368	3,993	37	0.5	43	1,286	33	0.2	42	2,706	31	0.3	36
Wabash River tributaries, Upper	571,843	3,865	39	0.7	35	2,392	20	0.4	15	1,473	37	0.3	43
Embarras River	1,541,526	5,805	27	0.4	45	3,322	13	0.2	33	2,483	34	0.2	45
Wabash River tributaries, Lower	412,636	6,568	24	1.6	17	5,278	6	1.3	6	1,291	40	0.3	39
Little Wabash River	1,354,908	8,536	22	0.6	39	3,082	15	0.2	30	5,453	18	0.4	34
Skillet Fork	672,425	2,207	44	0.3	47	785	43	0.1	48	1,422	39	0.2	44
Ohio River tributaries	393,092	4,530	33	1.2	24	1,384	31	0.4	22	3,147	27	0.8	18
Saline River	745,626	6,241	25	0.8	30	1,266	36	0.2	39	4,975	20	0.7	23
Cache River, Upper	378,650	4,797	31	1.3	22	1,474	28	0.4	17	3,323	26	0.9	17
Mississippi River													
Mississippi River tributaries													
Dubuque to Fulton	544,607	29,706	2	5.5	3	1,920	25	0.4	20	27,786	2	5.1	3
Fulton to New Boston	330,668	19,321	10	5.8	2	466	45	0.1	43	18,855	8	5.7	2
New Boston to Warsaw	1,104,578	24,450	4	2.2	14	2,353	21	0.2	35	22,096	4	2.0	10
Rock River													
Rock River tributaries to Rockton	8,127	297	49	3.6	6	195	48	2.4	3	101	51	1.2	14
Pecatonica River	466,581	2,941	41	0.6	38	2,750	16	0.6	10	191	48	0.0	51
Sugar Creek	42,950	475	48	1.1	26	189	49	0.4	14	287	47	0.7	21
Rock River below Rockton	1,369,318	17,448	12	1.3	21	8,772	4	0.6	8	8,676	13	0.6	26
Kishwaukee River	773,610	2,066	45	0.3	50	1,393	30	0.2	37	673	44	0.1	49
Green River	714,958	4,187	36	0.6	41	486	44	0.1	49	3,701	24	0.5	30
Mississippi River tributaries													
Warsaw to Quincy	385,862	10,713	16	2.8	8	1,060	39	0.3	27	9,653	12	2.5	5
Quincy to Grafton	627,149	23,758	5	3.8	5	3,107	14	0.5	13	20,651	5	3.3	4
Grafton to Hartford	171,279	4,544	32	2.7	9	997	41	0.6	11	3,547	25	2.1	9
Illinois River													
Kankakee River	551,595	6,219	26	1.1	25	3,381	11	0.6	9	2,838	30	0.5	31
Iroquois River	820,217	2,500	42	0.3	49	1,286	34	0.2	41	1,213	41	0.1	46
Chicago River/Canals	370,772	2,364	43	0.6	36	1,204	38	0.3	23	1,160	42	0.3	40
Des Plaines River	835,516	12,301	15	1.5	19	4,441	9	0.5	12	7,861	14	0.9	16
Illinois River, Will Co. line to Ottawa	638,163	14,281	14	2.2	13	1,013	40	0.2	40	13,269	9	2.1	8
Fox River, Upper	396,773	9,841	18	2.5	10	7,193	5	1.8	5	2,648	32	0.7	22
Fox River, Lower	706,742	5,633	29	0.8	31	2,679	17	0.4	19	2,954	29	0.4	32
Illinois River, Ottawa to East Peoria	1,248,118	27,477	3	2.2	15	4,962	7	0.4	16	22,515	3	1.8	12
Vermilion River	845,433	4,197	35	0.5	42	2,004	24	0.2	29	2,193	36	0.3	42
Illinois River, East Peoria to Beardstown	976,555	22,582	8	2.3	12	2,100	22	0.2	34	20,482	6	2.1	7
Mackinaw River	728,475	4,348	34	0.6	40	2,037	23	0.3	26	2,311	35	0.3	38
Spoon River	1,186,265	9,098	21	0.8	33	4,552	8	0.4	18	4,546	21	0.4	35
Sangamon River													
Sangamon River, Upper	916,577	6,589	23	0.7	34	1,272	35	0.1	44	5,316	19	0.6	28
Sangamon River, South Fork	740,284	9,101	20	1.2	23	1,259	37	0.2	38	7,842	15	1.1	15
Sangamon River, Lower	603,037	5,746	28	1.0	28	1,903	26	0.3	24	3,844	23	0.6	25
Sangamon River, Salt Fork	1,182,422	9,180	19	0.8	32	1,533	27	0.1	47	7,647	16	0.6	24
Lamoine River	855,079	3,297	40	0.4	44	2,669	18	0.3	25	628	45	0.1	50
Illinois River, Beardstown to Mississippi River	1,445,918	22,653	7	1.6	18	11,094	3	0.8	7	11,559	11	0.8	19
Macoupin Creek	616,958	3,931	38	0.6	37	1,396	29	0.2	31	2,535	33	0.4	33
Mississippi River tributaries													
Hartford to Reily Lake	558,587	18,155	11	3.3	7	15,168	2	2.7	2	2,987	28	0.5	29
Reily Lake to Cairo	433,279	21,296	9	4.9	4	20,168	1	4.7	1	1,128	43	0.3	41
Big Muddy River	1,510,658	36,696	1	2.4	11	3,345	12	0.2	32	33,351	1	2.2	6
Cache River, Lower	231,454	747	47	0.3	48	436	46	0.2	36	311	46	0.1	48
Kaskaskia River													
Kaskaskia River, Upper	992,816	14,282	13	1.4	20	1,324	32	0.1	46	12,958	10	1.3	13
Kaskaskia River, Middle	1,085,971	23,025	6	2.1	16	2,653	19	0.2	28	20,372	7	1.9	11
Shoal Creek	580,259	5,329	30	0.9	29	802	42	0.1	45	4,527	22	0.8	20
Kaskaskia River, Lower	1,017,730	9,920	17	1.0	27	3,587	10	0.4	21	6,333	17	0.6	27

Table F9. Summary of data for lacustrine and riverine deepwater in Illinois by hydrologic basin, 1980–1987.

Basin	Total acres	Lacustrine				Riverine			
		Acres	Rank	%	Rank	Acres	Rank	%	Rank
Lake Michigan									
Calumet River	10,561	1,278	37	12.1	1	380	47	3.6	2
Lake Front	38,065	117	48	0.3	36	15	51	0.0	51
Ohio River									
Little Vermilion River	131,745	58	51	0.0	48	140	50	0.1	50
Vermilion River	820,368	1,865	32	0.2	39	2,128	31	0.3	41
Wabash River tributaries, Upper	571,843	1,347	35	0.2	38	2,518	26	0.4	18
Embarras River	1,541,526	1,316	36	0.1	44	4,489	8	0.3	33
Wabash River tributaries, Lower	412,636	1,106	38	0.3	37	5,462	5	1.3	5
Little Wabash River	1,354,908	5,220	19	0.4	31	3,315	16	0.2	44
Skillet Fork	672,425	893	39	0.1	41	1,314	40	0.2	48
Ohio River tributaries	393,092	3,369	26	0.9	20	1,161	42	0.3	31
Saline River	745,626	4,194	22	0.6	24	2,047	32	0.3	37
Cache River, Upper	378,650	3,354	27	0.9	19	1,443	39	0.4	25
Mississippi River									
Mississippi River tributaries									
Dubuque to Fulton	544,607	27,744	2	5.1	3	1,962	34	0.4	26
Fulton to New Boston	330,668	18,175	8	5.5	2	1,146	43	0.3	27
New Boston to Warsaw	1,104,578	21,380	4	1.9	10	3,070	19	0.3	36
Rock River									
Rock River tributaries to Rockton	8,127	101	49	1.2	14	196	49	2.4	4
Pecatonica River	466,581	151	47	0.0	51	2,790	23	0.6	9
Sugar Creek	42,950	270	46	0.6	23	205	48	0.5	15
Rock River Below Rockton	1,369,318	7,325	16	0.5	26	10,123	3	0.7	6
Kishwaukee River	773,610	369	44	0.0	47	1,697	37	0.2	47
Green River	714,958	815	40	0.1	42	3,373	15	0.5	16
Mississippi River tributaries									
Warsaw to Quincy	385,862	9,407	12	2.4	5	1,306	41	0.3	28
Quincy to Grafton	627,149	20,916	5	3.3	4	2,843	20	0.5	17
Grafton to Hartford	171,279	3,532	25	2.1	8	1,012	44	0.6	10
Illinois River									
Kankakee River	551,595	2,286	30	0.4	30	3,933	11	0.7	7
Iroquois River	820,217	271	45	0.0	50	2,228	30	0.3	38
Chicago River/Canals	370,772	373	43	0.1	43	1,991	33	0.5	12
Des Plaines River	835,516	8,151	13	1.0	17	4,151	10	0.5	14
Illinois River, Will Co. line to Ottawa	638,163	12,574	10	2.0	9	1,708	36	0.3	39
Fox River, Upper	396,773	7,516	14	1.9	11	2,325	29	0.6	11
Fox River, Lower	706,742	2,553	29	0.4	32	3,080	18	0.4	19
Illinois River, Ottawa to East Peoria	1,248,118	22,511	3	1.8	13	4,966	7	0.4	23
Vermilion River	845,433	556	41	0.1	45	3,640	12	0.4	20
Illinois River, East Peoria to Beardstown	976,555	20,172	7	2.1	7	2,410	28	0.2	43
Mackinaw River	728,475	1,516	34	0.2	40	2,832	22	0.4	24
Spoon River	1,186,265	4,011	23	0.3	35	5,086	6	0.4	21
Sangamon River									
Sangamon River, Upper	916,577	3,977	24	0.4	29	2,611	25	0.3	34
Sangamon River, South Fork	740,284	7,423	15	1.0	16	1,678	38	0.2	46
Sangamon River, Lower	603,037	2,622	28	0.4	28	3,124	17	0.5	13
Sangamon River, Salt Fork	1,182,422	5,610	18	0.5	27	3,571	14	0.3	30
Lamoine River	855,079	533	42	0.1	46	2,764	24	0.3	29
Illinois River, Beardstown to Mississippi River	1,445,918	13,020	9	0.9	18	9,634	4	0.7	8
Macoupin Creek	616,958	2,120	31	0.3	34	1,812	35	0.3	32
Mississippi River tributaries									
Hartford to Reily Lake	558,587	4,300	21	0.8	21	13,855	2	2.5	3
Reily Lake to Cairo	433,279	1,518	33	0.4	33	19,778	1	4.6	1
Big Muddy River	1,510,658	33,073	1	2.2	6	3,623	13	0.2	45
Cache River, Lower	231,454	94	50	0.0	49	653	46	0.3	35
Kaskaskia River									
Kaskaskia River, Upper	992,816	11,831	11	1.2	15	2,451	27	0.2	42
Kaskaskia River, Middle	1,085,971	20,189	6	1.9	12	2,836	21	0.3	40
Shoal Creek	580,259	4,433	20	0.8	22	895	45	0.2	49
Kaskaskia River, Lower	1,017,730	5,720	17	0.6	25	4,200	9	0.4	22

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